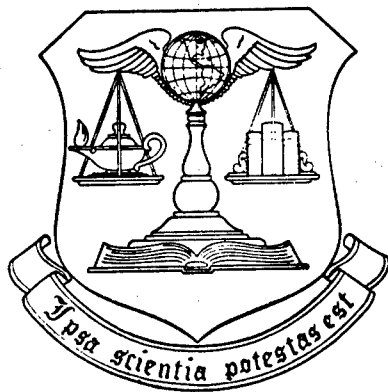


Air University Library Index

to
Military Periodicals

CUMULATIVE ISSUE
JANUARY-DECEMBER 1980
Volume 31 Number 4

DISTRIBUTION STATEMENT A
Approved for Public Release
Distribution Unlimited



Air University Library
Maxwell Air Force Base, Alabama

20040305 040

Air University Library Index to Military Periodicals

~~~~~  
**Volume 31**  
~~~~~

~~~~~  
**Number 4**  
~~~~~

Cumulative Issue
January-December 1980

Frances B. Rucks, Editor

~~~~~  
**Air University Library**  
~~~~~

~~~~~  
**Maxwell Air Force Base, Ala.**  
~~~~~

This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

P r e f a c e

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 73 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations (triennial cumulative issues were published from 1952 through 1967). From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members of Air University Library index all of the periodicals with the exception of six titles which are indexed by other Air Force, Army, and Navy libraries. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT B. LANE
Director
Air University Library

PERIODICALS INDEXED

- AEI For Plcy & Def Rev--AEI Foreign Policy and Defense Review (6 nos. a year) \$12.00. American Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 30036.
- Aerosp Hist--Aerospace Historian (q) \$20.00. Eisenhower Hall, Kansas State University, Manhattan, KS, 66506.
- Aerosp Intl--Aerospace International (bim) \$28.00. Mönch Publishing Group, Heilbachstrasse 26, D-5300 Bonn 1, W.Ger.
- Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Air Def Mag--Air Defense Magazine (q) \$4.00. USAADS, ATTN: ATSA-TD-DLS, Fort Bliss, TX, 79916.
- AF Compt--The Air Force Comptroller - AFRP 170-2 (q) \$7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Engrg & Svcs Qtr--Air Force Engineering and Services Quarterly - AFRP 85-1 (q) \$6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- *AF J Log--Air Force Journal of Logistics - AFRP 400-1 (q) \$6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Law Rev--Air Force Law Review - AFRP 110-1 (q) \$8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Mag--Air Force Magazine (m) \$13.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- AF Plcy Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders; Supplement - AFRP 190-2 (m) No price given. AFSINC/11A, Kelly AFB, TX, 78241.
- AF Times--Air Force Times (w) \$26.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.
- Air Reservist - AFRP 30-1 (10 nos. a year) \$9.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AU Rev--Air University Review, the Professional Journal of the United States Air Force - AFRP 50-2 (bim) \$13.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- *Airlift Ops Rev--Airlift Operations Review, Journal of the Airlift Operations School - MACRP 50-1 (q) No price given. Editor, Airlift Operations Review, AOS, Scott AFB, IL, 62225.
- Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) \$15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Am Avn Hist Soc J--American Aviation Historical Society Journal (q) \$15.00. American Aviation Historical Society, P.O. Box 99, Garden Grove, CA, 92642.
- *Armada Intl--Armada International (bim) \$60.00. Weinbergstrasse 102, P.O.Box CH-8035, Zurich, Switzerland.
- Armed Forces & Soc--Armed Forces and Society (q) \$20.00. Box 46, Social Science Building, 1126 E.59th St, University of Chicago, Chicago, IL, 60637.
- Armed Forces Compt--Armed Forces Comptroller (q) \$7.00. Armed Forces Comptroller, P.O. Box 91, Mt Vernon, VA, 22121.
- Armed Forces J Intl--Armed Forces Journal International (m) \$18.00. Army and Navy Journal, Inc, 1414 22d St, NW, Washington, DC, 20037.
- Armor (bim) \$8.00. U.S. Armor Assoc, P.O. Box O, Fort Knox, KY, 40121.
- Army (m) \$13.00. Assoc of the U.S. Army, 2425 Wilson Blvd, Arlington, VA, 22201.
- Army Log--Army Logistician (bim) \$9.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- **Army Qtr--Army Quarterly and Defence Journal (ceased indexing with vol 109, no.3, July 1979)
- *Asian Def J--Asian Defence Journal (m) \$80.00. Syed Hussain Publication Sdn Bhd, 54-B Jalan Lumut, Damai Complex, P.O.Box 836, Kuala Lumpur, Malaysia.
- Aviation, Space & Envmt Med--Aviation, Space, and Environmental Medicine (m) \$40.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.
- Combat Crew - SACRP 127-1 (m) \$14.00. Editor, Combat Crew, Hq SAC/IGFC, Offutt AFB, NE, 68113; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Command Plcy--Command Policy (changed to Defense/80 with January 1980)
- Def & For Aff--Defense & Foreign Affairs (m) \$60.00. Copley & Associates, SA, Suite 602, 2030 M St NW, Washington, DC, 20036.
- ***Defense/80 (formerly Command Policy) (m) \$12.00. Armed Forces Information Service, 1117 N.19th St, Arlington, VA, 22209; for sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Elect--Defense Electronics (m) \$24.00. EW Communications, Inc, 1170 E.Meadow Dr, Palo Alto, CA, 94303.
- Def Mgt J--Defense Management Journal (bim) \$9.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Monitor--Defense Monitor (m) No price given. Center for Defense Information, 122 Maryland Ave NE, Washington, DC, 20002.
- Def Sys Mgt Rev--Defense System Management Review (q) No price given. Defense Systems Management College, Fort Belvoir, VA, 22060.
- Def Trans J--Defense Transportation Journal (bim) \$25.00. National Defense Transportation Assoc, 910 17th St, NW, Ste 301, Washington, DC, 20006.
- Educ J--Education Journal - AURP 53-3 (a) No price given. Air Force ROTC, AFROTC/OTEE, Bldg 501, Maxwell AFB, AL, 36112.

*Added titles since the 1979 Cumulative Issue

**Titles ceased indexing since the 1979 Cumulative Issue

***Titles changed since the 1979 Cumulative Issue

PERIODICALS INDEXED (Cont'd)

- Fld Arty J--Field Artillery Journal (bim) \$10.00. Field Artillery Assoc, c/o FA Museum, Bldg 437, Fort Sill, OK, 73503.
- Govt Exec--Government Executive (m) \$18.00. 1725 K St, NW, Washington, DC, 20006.
- Hawk, the Independent Journal of the Royal Air Force Staff College (a) \$1.90. Royal Air Force Staff College, Bracknell, Berkshire, Eng.
- Infantry (bim) \$10.00. Editor, Infantry Magazine, Box 2005, Fort Benning, GA, 31905.
- Interavia (m) \$36.00. 86 Avenue Louis Casai, 1216 Cointrin, Geneva, Switzerland.
- Intl Def Rev--International Defense Review (9 nos. a year) \$69.00. Interavia S.A., 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.
- Intl Sec--International Security (q) \$15.00. M.I.T. Press, 28 Carleton St, Cambridge, MA, 02142.
- *Intl Sec Rev--International Security Review (q) \$12.50. American Security Council Education Foundation, Boston, VA, 22713.
- *Islamic Def Rev--Islamic Defence Review (q) \$23.40. Islamic Institute of Defence Technology, 16 Grosvenor Crescent, London SW1, Eng.
- J Pol & Mil Sociol--Journal of Political and Military Sociology (sa) \$9.50. Department of Sociology, Northern Illinois University, DeKalb, IL, 60115.
- Log Spectrum--Logistics Spectrum (q) \$20.00. Society of Logistics Engineers, Suite 922, Park Plaza, 303 Williams Ave, Huntsville, AL, 35801.
- MAC Flyer - MACRP 127-5 (m) \$15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- MarCor Gaz--Marine Corps Gazette (m) \$10.00. P.O. Box 1775, Quantico, VA, 22134.
- Mil Elect/Countermeasures--Military Electronics/Countermeasures (m) \$25.00. Hamilton Burr Pub. Co, 2065 Martin Ave, Ste 104, Santa Clara, CA, 95050.
- Mil Engr--Military Engineer (bim) \$20.00. Society of American Military Engineers, 607 Prince St, Alexandria, VA, 22314.
- Mil Rev--Military Review (m) \$12.00. Military Review, USACGSC, Fort Leavenworth, KS, 66027.
- NATO's Fifteen Nations (bim) \$37.66. Jules Perel's Publishing Co, Post Box 913, 35 Matterhorn, 1186EB Amstelveen, The Netherlands.
- Natl Def--National Defense (bim) \$22.50. American Defense Preparedness Assoc, Rosslyn Center, Suite 900, 1700 N. Moore St, Arlington, VA, 22209.
- Natl Guard--National Guard (m) \$4.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.
- Nav War Col Rev--Naval War College Review (q) No price given. Editor, Naval War College Review, Naval War College, Newport, RI, 02840.
- Navigator - AFRP 50-3 (3 nos. a year) \$5.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Officer (m) \$5.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.
- Parameters, Journal of the U.S. Army War College (q) No price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, PA, 17013.
- RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) \$30.00. Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SW1A 2ET, Eng.
- Review (bim) \$20.00. American Logistics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.
- Sea Power (m) \$10.00. Navy League of the U.S., 818 18th St, NW, Washington, DC, 20006.
- *Sergeants (m) \$12.00. Air Force Sergeants Assoc, 4235 28th Ave, Marlow Heights, MD, 20031.
- Signal (10 nos. a year) \$14.50. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.
- Soldiers, Official U.S. Army Magazine (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Soviet Mil Rev--Soviet Military Review (m) \$8.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin, Inc, 12224 Parklawn Dr, Rockville, MD, 20852)
- Strat Rev--Strategic Review (q) \$15.00. United States Strategic Institute, 20 Memorial Dr, Cambridge, MA, 02142.
- TAC Attack - TACRP 127-1 (m) No price given. Editor, TAC Attack, Hq TAC/SEPP, Langley AFB, VA, 23665.
- TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, Hq USAF/IGEP, Washington, DC, 20330. Limited to AF offices.
- Translog (m) \$12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- USAF Ftr Wpns Rev--USAF Fighter Weapons Review - AFRP 50-4 (q) No charge. 57FWW/DOWN, Nellis AFB, NV, 89191.
- USA Avn Dig--United States Army Aviation Digest (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- US Nav Inst Proc--United States Naval Institute Proceedings (m) \$18.00. U.S. Naval Institute, Annapolis, MD, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks	and/or	twice a month
m	monthly	q	quarterly
sa	twice a year	w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U.S. have been eliminated and entry is directly under subject agency, e.g., STRATEGIC AIR COMMAND, not U.S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e.g., AIR FORCE--Great Britain; ARMY--United States.

Material on United States military aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. United States space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e.g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

An organization's abbreviation, if it is a national term, is used not only as a cross reference (e.g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e.g., DEFENSES--NATO). Abbreviations and acronyms are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so listed alphabetically.

Reviews of books are grouped under BOOK REVIEWS; military poetry is listed under POEMS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
Apr	April	Mar	March
Aug	August	Nov	November
bibliog	bibliography	No.	number
biog	biography	obit	obituary
chart	organizational chart	Oct	October
Dec	December	por	portrait(s)
Feb	February	Sep	September
illus	illustration(s)	sup	supplement
Jan	January	tab	table(s)
Jul	July	trans	translated
		vol	volume

EXPLANATION

Sample entry: RETIREMENT PAY

The payoff under proposed Uniformed Services Retirement Benefits Act. MajGen Stanley M. Umstead, Jr. illus Officer 55:20-22 Sep '79

Explanation:

Under the subject RETIREMENT PAY an article entitled "The payoff under proposed Uniformed Services Retirement Benefits Act" by MajGen Stanley M. Umstead, Jr, with illustrations, appears in the magazine Officer, volume 55, on pages 20 through 22, the September 1979 issue.

A

AABNCP see Advanced Airborne Command Post

ACEUR see Allied Command Europe

ACLANT see Allied Command Atlantic

ACLS see Automatic Carrier Landing System

AFAA see Air Force Audit Agency

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Manpower and Personnel Center

AFOSI see Office of Special Investigations

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

AFTEC see Air Force Test and Evaluation Center

AGARD see Advisory Group for Aerospace Research and Development

AMST see Advanced Medium Short Takeoff and Landing Transport

APC see Armored Vehicles

APR see Airman Performance Reports

ARTEP see Army Training and Evaluation Program

ASEAN see Association of Southeast Asian Nations

ASIP see Aircraft Structural Integrity Program

ASMS see Missile Type--Aegis

ASW see Antisubmarine Warfare

AUSA see Association of the U. S. Army

AUTODIN see Automatic Digital Network

AUTOVON see Automatic Voice Network

AVRADCOM see Army Aviation Research and Development Command

AWACS see Airborne Warning and Control System

ABORTIONS see Pregnancy

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Cardiovascular responses of man exposed to +G_z accelerations in a centrifuge. B. Vettes and others. illus tabs Aviation, Space & Envmt Med 51:375-378 Apr '80

Coincident loss of consciousness and ventricular tachycardia during +G_z stress. James E. Whinnery and others. illus tab Aviation, Space & Envmt Med 51:827-831 Aug '80

Frank orthogonal vectorcardiograms in humans during and after exposure to +G_z acceleration stress. M. Harold Laughlin and others. illus tabs Aviation, Space & Envmt Med 51:653-660 Jul '80

ACCELERATION - Continued

Human responses to repeated high G simulated aerial combat maneuvers. Russell R. Burton. illus tabs Aviation, Space & Envmt Med 51:1185-1192 Nov '80

Human tolerance to aerial combat maneuvers. Russell R. Burton and Robert M. Shaffstall. tab Aviation, Space & Envmt Med 51:641-648 Jul '80

Psychophysical comparison of vertical and angular vibrations. Richard W. Shoenberger. illus tabs Aviation, Space & Envmt Med 51:759-762 Aug '80

ACCIDENT PREVENTION

See also

Safety Programs

Anatomy of an accident. Capt Glenn Sutherland. illus Aerosp Safety 36:24-25 Mar '80

The best pilot in the squadron. Maj Michael T. Fagan. illus Aerosp Safety 36:17-19 Jun '80

Blowing in the wind. Maj Gary L. Studdard. illus tab Aerosp Safety 36:2-3 Jul '80

Bubble gum, bailing wire, and ASIP (Aircraft Structural Integrity Program), or ... how we keep your aircraft from falling apart. Maj Paul L. Tiley. illus tabs Aerosp Safety 36:22-23 Feb '80

Coffin corner plus windshear equals upset. illus Aerosp Safety 36:18-19 Oct '80

Common sense ... basic to flying. LtCol Paul Kimminau. illus TAC Attack 20:10-11 Aug '80

The cost of a crash. Capt George R. Thomson, Jr. illus Combat Crew 30:16-17 Feb '80

The day Charlie died. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Nov '80

Defensive flying. Capt Dennis Storck. illus Aerosp Safety 36:8-9 Jun '80

Dem's da brakes. Capt Mike Shub. illus TAC Attack 20:8-9 Mar '80

Explosives safety. TIG Brief 32:25 Aug 29 '80

Extended driving--how far is too far? SSgt Steve Hull. illus TAC Attack 20:18-20 May '80

F-4 rollers: Wheels, tires, brakes. LtCol Horst Gaede. illus Aerosp Safety 36:23-24 May '80

FOD--it could be hazardous to your health. Capt Dennis Storck. illus Aerosp Safety 36: inside front cover May '80

Facility damage from winter storms. TIG Brief 32:21 Jan 25 '80

First aid. illus TAC Attack 20:12-13 Jun '80

For Eagle drivers only--but other types should read it, too. Capt Paul Q. G. Woodford. (Reprinted from Airscoop, August 1980) illus Aerosp Safety 36: 14-15 Nov '80

For pilots only. Roger G. Crewse. Aerosp Safety 36: 2-3+ Jan '80

A form (AFTO 781A) in your future. Maj Dion W. Johnson. illus Aerosp Safety 36:10-11 Sep '80

The formation challenge. Maj James L. Gillespie. illus Aerosp Safety 36:2+ Feb '80

G-tolerance: A case for short pilots. Maj James E. Whinnery and Sidney D. Leverett, Jr. illus Aerosp Safety 36:6-7 May '80

ACCIDENT PREVENTION - Continued

Genesis of flying safety. (Gen William H. Tunner) Maj James C. Gibson II. illus MAC Flyer 27:14-15 Jun '80

Going on leave. Maj Roger L. Jacks. illus Aerosp Safety 36:5 May '80

Hazard reporting. TIG Brief 32:19 Jan 25 '80

Heat got ya'? illus TAC Attack 20:20 Jul '80

Helicopter in-flight icing. Arthur J. Negrette. (Reprinted from Aerospace Safety, March 1977) illus Aerosp Safety 36:18-20 Feb '80

Hit my smoke. Maj David V. Froehlich. illus Aerosp Safety 36:12-13 Apr '80

Hypothermia ... cold weather killer. LtCol George J. Bifolchi. illus Aerosp Safety 36:10-11 Feb '80

Ice, snow & 10 below. illus Aerosp Safety 36:2-3 Nov '80

Inadvertent landing gear retractions. TIG Brief 32:17 May 30 '80

Instrument related accidents. WgComdr Jeremy Saye. illus TAC Attack 20:14-15 Oct '80

It (T-37) really does use monkeys and mirrors. Capt Jim Davis. illus Aerosp Safety 36:12-15 May '80

Jet engine ingestion. TIG Brief 32:3 Jan 11 '80

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79; pt 3, 20:18-19 Jan '80

Little things mean a lot. LtCol Eugene La Mothe. illus Aerosp Safety 36:4-5 Nov '80

Midair collision avoidance programs. TIG Brief 32:15-16 Aug 8 '80

The mission ... and the man. LtCol Jim Bustle. tabs TAC Attack 20:4-7 Aug '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Needle, ball, and ... Capt David Burnett. illus TAC Attack 20:4-6 Feb '80

1980 aircraft mishap forecast. Roger G. Crewse. illus tabs Aerosp Safety 36:2-5 Mar '80

No weak links. illus USA Avn Dig 26:24-26 Mar '80

Nomex vs nylon flying jackets. Maj William Harrison. illus Aerosp Safety 36:24-25 Jul '80

On flying airplanes after things go wrong. Maj Pete Abler. illus TAC Attack 20:12-13 Feb '80

A personal review. SqLdr Peter A. Barratt. (Reprinted from Aerospace Safety, June 1978) Aerosp Safety 36:20-22 May '80

Phantom vari-ramp. Maj Di Johnson. illus TAC Attack 20:20-21 Sep '80

Pressing problems. Maj Jim Stewart. (Reprinted from Flight Comment, No. 1, 1980) illus Aerosp Safety 36:5-7 Sep '80

Rules for survival. Maj Wayne Skora. illus TAC Attack 20:22-23 Feb '80

The rumor mill. Maj Arthur P. Meikel. illus Aerosp Safety 36:16-17 Nov '80

Safe disposal of munitions scrap. TIG Brief 32:22 Jan 25 '80

ACCIDENT PREVENTION - Continued

Safety domino theory. TIG Brief 32:17-18 Sep 26 '80

Safety first ... last ... and always. illus Aerosp Safety 36:21-24 Sep '80

Safety supervision (direct and indirect). TIG Brief 32:17 Nov 14 '80

Safety trophies for distinguished contributions during 1979. illus Aerosp Safety 36:14-15 Jun '80

See and avoid. Maj Pete Abler. illus TAC Attack 20:4-6 Apr '80

Spatial disorientation. Maj Kenneth C. Dozier. Aerosp Safety 36:12-13 Feb '80

Stay safe on the 4th of July. TIG Brief 32:12 Jun 27 '80

Summer operations--no sweat? Don't bet. WgComdr Peter S. Wilkins. illus TAC Attack 20:18-19 Jul '80

Tankers live longer. (The value of the in-flight Acoustic Crack Detection System (ACDS) for C/KC-135 aircraft) Budd Parrish. illus tabs Aerosp Safety 36:8-11 Apr '80

Technical data and maintenance discipline. TIG Brief 31:18 Dec 21 '79

That's why. (Cockpit switches) MSgt John Mann. illus TAC Attack 20:24-25 Jan '80

Three strikes and you're out. Maj John W. Lapointe. illus TAC Attack 20:22-23 Dec '80

To err is human. Maj Wayne Griffith. illus TAC Attack 20:20-23 Apr '80

To see or not to see. Maj Tom Shaughnessy and Capt Mike Shub. illus TAC Attack 20:26-29 Oct '80

Tragedies can be prevented. Col Stanley P. Schneider. illus TAC Attack 20:15 Feb '80

200 & 1/2 mi. Maj Pete Abler. illus TAC Attack 20:4-6 Jun '80

Unchained melody, or how to almost run over your SOF. Capt John W. McGeough, Jr. illus Aerosp Safety 36:18-19 May '80

University study tests ways to make cyclists more visible. TIG Brief 32:4 Jan 25 '80

Visibility, safety and you. MSgt Frederick N. Rottet. illus Aerosp Safety 36:10-11 May '80

Volcanoes and airplanes. illus Aerosp Safety 36:16-17 Oct '80

Weapons words: Explosives safety history. John H. Kawka. TAC Attack 20:22-23 Aug '80

The weekend warrior. Beatrice Waggener. illus TAC Attack 20:12-13 Sep '80

Which way is down? CDR V.M. Voge. (Reprinted from Approach, May 1980) illus Aerosp Safety 36:16-18 Jul '80

Whiteout: A rotary-wing winter menace. LtCol Robert L. Gardner. illus Aerosp Safety 36:8-11 Jan '80

Wingmen do it better. LtCol Horst Gaede. illus Aerosp Safety 36:3-4 Feb '80

ACCIDENTS

Civilian employee injury compensation claims. tab TIG Brief 31:11-12 Dec 21 '79

ACCIDENTS - Continued

Disaster Response Force (DRF) off-base convoy operations. TIG Brief 32:10 Aug 8 '80

Ground safety: Reporting natural phenomena. TIG Brief 32:20 Feb 8 '80

Causes

Alcohol often ignored as villain in mishaps. Don Mace. AF Times 40:2 Apr 28 '80

Design-induced operator error. TIG Brief 32:14 Mar 7 '80

Human-factor-caused mishap. TIG Brief 32:18 Aug 8 '80

The jump: It took only a moment of carelessness. Gilbert L. Parker. illus AF Times, Times Magazine sup:18-19+ Dec 8 '80

Just another Saturday. illus Soldiers 35:34-35 Nov '80

Oxygen enrichment accidents. MAC Flyer 27:6 Nov '80

Safety first ... last ... and always. illus Aerosp Safety 36:21-24 Sep '80

Investigations

'A picture is worth a thousand ...' TIG Brief 32:9 May 16 '80

Premature closeout of aircraft mishap recommendations. TIG Brief 32:20 Jan 25 '80

Significant points of interest in a mishap investigation. TIG Brief 32:11-12 Mar 7 '80

Technical assistance to safety investigations. TIG Brief 32:20 Nov 14 '80

ACCIDENTS, AIR

Aviation accident law--the legal anatomy of a military air crash. Maj David E. Prewitt. USA Avn Dig 26: 32-34 May '80

C-141 crash kills 13 in 'Bright Star.' AF Times 41:4 Nov 24 '80

In praise of the aircrew. (From a tribute read at the Memorial Service, Dyess AFB, TX, for the 463d TAW crewmen killed in the crash of their C-130 Hercules near Tarsus, Turkey, March 14, 1980) LtCol Gene Hollrah. AF Pley Ltr for Comdrs: Sup, pp 35-36, Jun '80

Midair collision avoidance programs. TIG Brief 32: 15-16 Aug 8 '80

No more major or minor accidents. illus tab USA Avn Dig 26:16-20 Apr '80

Panel (Aerospace Medical Assoc, Anaheim, CA, May 12-15, 1980): The modern view of airport disaster medical management. Alex C. Webb and others. illus tabs map Aviation, Space & Envmt Med 51:1256-1269 Nov '80

CausesSee also

Pilot Error

Accidents--a different approach: Attitudes and priorities. Maj Wiley E. Greene. illus TAC Attack 20: 24-25 Mar '80

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Anatomy of an accident. Capt Glenn Sutherland. illus Aerosp Safety 36:24-25 Mar '80

Betting the 50. Joseph F. Tilson. illus Aerosp Safety 36:2-3 May '80

The birds are back. illus map TAC Attack 20:18-20 Nov '80

Birds of a feather. illus Aerosp Safety 36:8-9 Feb '80

Birdstrike at 480 kts. Capt Mike Hambrick. illus Aerosp Safety 36:12-13 Oct '80

Birdstrike remains identification. TIG Brief 32:15 Apr 4 '80

Blowing in the wind. Maj Gary L. Studdard. illus tab Aerosp Safety 36:2-3 Jul '80

A boot full of rudder. Capt Jimmy Carter. illus TAC Attack 20:4-6 Jul '80; Aerosp Safety 36:10-12 Aug '80

But I thought ... CDR V.M. Voge. (Reprinted from Approach, Aug 1980) illus Aerosp Safety 36:24-25 Oct '80

Coming soon: Wire strike protection for helicopters. LeRoy T. Burrows. illus USA Avn Dig 26:36-39 Sep '80

The cost of a crash. Capt George R. Thomson, Jr. illus Combat Crew 30:16-17 Feb '80

Crew confusion: Helicopter mishap with a moral. Aerosp Safety 36:26-27 Jul '80

The day Charlie died. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Nov '80

Defensive flying. Capt Dennis Storck. illus Aerosp Safety 36:8-9 Jun '80

Dem's da brakes. Capt Mike Shub. illus TAC Attack 20:8-9 Mar '80

A different kind of near miss. Maj Wayne P. Skora. illus TAC Attack 20:26-27 Jul '80

Don't get goosed by a giggling gaggle of geese. Capt Ross W. Phillippe. illus Combat Crew 30:20-21 Sep '80

Findings, or 'what the board really meant to say.' TIG Brief 32:21-22 May 30 '80

For pilots only. Roger G. Crewse. Aerosp Safety 36: 2-3+ Jan '80

The formation challenge. Maj James L. Gillespie. illus Aerosp Safety 36:2+ Feb '80

Go lost wingman. Capt Craig Lamkin. illus TAC Attack 20:14-15 Jan '80

Hypothermia ... cold weather killer. LtCol George J. Bifulchi. illus Aerosp Safety 36:10-11 Feb '80

Hypoxia-induced fatal aircraft accident revealed by voice analysis. Ichiro Saito and others. illus tabs Aviation, Space & Envmt Med 51:402-406 Apr '80

Instrument related accidents. WgComdr Jeremy Saye. illus TAC Attack 20:14-15 Oct '80

Landings. Robert W. Harrison. illus Aerosp Safety 36:12-13 Jan '80

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Little things mean a lot. LtCol Eugene La Mothe. illus Aerosp Safety 36:4-5 Nov '80

Low, fast, and in the dark. (Tree strikes) illus USA Avn Dig 26:14-15 Sep '80

Low level flying--why? LtCol Paul Kimminau. illus TAC Attack 20:4-6 Mar '80

Management of aircraft arrestment systems. TIG Brief 32:21-22 Oct 17 '80

Mishaps with a moral. Regular feature in some issues of MAC Flyer

The mission ... and the man. LtCol Jim Bustle. tabs TAC Attack 20:4-7 Aug '80

Mountain waves--a force second only to tornados. LtCol James D. Simpson. illus tabs Aerosp Safety 36:16-19+ Mar '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Needle, ball, and ... Capt David Burnett. illus TAC Attack 20:4-6 Feb '80

The 1976 accident experience of civilian pilots with static physical defects. J. Robert Dille and Charles F. Booze. tabs Aviation, Space & Envmt Med 51:182-184 Feb '80

October is peak for bird strikes. illus AF Times 41:17 Oct 27 '80

On flying airplanes after things go wrong. Maj Pete Abler. illus TAC Attack 20:12-13 Feb '80

Operational errors cause 50% of aircraft mishaps. Len Famiglietti. tab AF Times 41:13 Dec 22 '80

The other pilots in the Air Force. Maj Michael T. Fagan. illus Aerosp Safety 36:19-21 Jul '80

Phantom vari-ramp. Maj Di Johnson. illus TAC Attack 20:20-21 Sep '80

Pieces of the puzzle. Maj Pete Abler. illus TAC Attack 20:28-30 Aug '80

Pressing problems. Maj Jim Stewart. (Reprinted from Flight Comment, No. 1, 1980) illus Aerosp Safety 36:5-7 Sep '80

A questionnaire study of psychological background factors in U.S. Navy aircraft accidents. R.A. Alkov and M.S. Borowsky. tabs Aviation, Space & Envmt Med 51:860-863 Sep '80

Rescue reversal. illus MAC Flyer 27:14-15 Jul '80

Residual effects of alcohol on aircrew performance. Leon M. Wise. (Reprinted from SAFE Journal, Summer 1980) illus Aerosp Safety 36:16-19 Sep '80

Rules for survival. Maj Wayne Skora. illus TAC Attack 20:22-23 Feb '80

Seasonal hazard. Maj James L. Gillespie. illus Aerosp Safety 36:10-12 Oct '80

See and avoid. Maj Pete Abler. illus TAC Attack 20:4-6 Apr '80

September song. Maj Alan D. York. illus map tab MAC Flyer 27:8-10 Sep '80

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Snow blind. illus MAC Flyer 27:8-9 Jan '80

Something is wrong. What should I do? Maj Terrell J. Osborn. illus Aerosp Safety 36:2-4 Sep '80

Tactical formation can be hazardous to your health. BrigGen Leland K. Lukens. Aerosp Safety 36:27 Nov '80

Tell it like it is. Maj Roger Jacks. illus Aerosp Safety 36:8-9 Sep '80

That's why. (Cockpit switches) MSgt John Mann. illus TAC Attack 20:24-25 Jan '80

To err is human. Maj Wayne Griffith. illus TAC Attack 20:20-23 Apr '80

To see or not to see. Maj Tom Shaughnessy and Capt Mike Shub. illus TAC Attack 20:26-29 Oct '80

Unchained melody, or how to almost run over your SOF. Capt John W. McGeough, Jr. illus Aerosp Safety 36:18-19 May '80

Which way is down? CDR V.M. Voge. (Reprinted from Approach, May 1980) illus Aerosp Safety 36:16-18 Jul '80

Whiteout: A rotary-wing winter menace. LtCol Robert L. Gardner. illus Aerosp Safety 36:8-11 Jan '80

Will you be ready? illus USA Avn Dig 26:28-29 Jan '80

Wind shear effects on aircraft--low-level shear and clear-air turbulence as accident causes. Chris Bulloch. illus tabs Interavia 35:1155-1158 Dec '80

Wire strike! illus Aerosp Safety 36:6-7 Mar '80

Wire strikes. illus USA Avn Dig 26:20-21 May '80

Your job or your life. Maj Alan D. York. illus MAC Flyer 27:13-15 Sep '80

Investigations

The accident/injury matrix: A tool for aircraft accident investigation. Gary K. Brandon. tab Aviation, Space & Envmt Med 51:1147-1149 Oct '80

The accident investigator as financial manager. TIG Brief 32:21 Oct 17 '80

Determined or undetermined? (Explosives mishaps) TIG Brief 32:18 Sep 12 '80

Effectiveness of USAF mishap reporting system. TIG Brief 32:19 Oct 31 '80

Evaluation of perishable evidence in mishap investigations. TIG Brief 32:17 May 30 '80

FAA (Federal Aviation Administration)/NTSB (National Transportation Safety Board) participation in military investigations. TIG Brief 32:17 May 16 '80

Findings, or 'what the board really meant to say.' TIG Brief 32:21-22 May 30 '80

Mishap reporting: Watch your power curve. TIG Brief 32:30 Aug 29 '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

ACCIDENTS, AIR - ContinuedInvestigations - Cont'd

Pieces of the puzzle. Maj Pete Abler. illus TAC Attack 20:28-30 Aug '80

Protecting integrity of safety boards. TIG Brief 32:28 Aug 29 '80

Research and development mishap reports: Avoiding duplication of effort. TIG Brief 32:11 Sep 12 '80

Safety investigation validation. TIG Brief 32:17 Aug 8 '80

Waiver of formal reports (don't count on it). TIG Brief 32:13 Jul 11 '80

Who can I talk to? Capt James P. Coe. illus MAC Flyer 27:18-21 Jan '80

Statistics

The bad news phone. Capt John Barry. tabs Aerosp Safety 36:26-27 Oct '80

(MAC) accident statistics for 1979. illus tabs MAC Flyer 27:8-10 Apr '80

1980 aircraft mishap forecast. Roger G. Crewse. illus tabs Aerosp Safety 36:2-5 Mar '80

165 aircraft mishaps: Will they happen? tab AF Times 40:8 Apr 21 '80

ACCIDENTS, GROUND (AIRCRAFT)

Costly, bothersome, and senseless. illus USA Avn Dig 26:26-29 Oct '80

'God, I'm not ready ... yet.' (Capt Christopher C. Soto receives the Cheney Award for rescuing his pilot from a burning F-105) SMSgt Dave Sheeder. illus Airman 24:15-20 Apr '80

Hell on Runway 25L: First-person account from a flyer who survived a tragic aircraft collision. Maj James G. Gibson II. illus MAC Flyer 27:16-19 Oct '80

No more major or minor accidents. illus tab USA Avn Dig 26:16-20 Apr '80

Operational errors cause 50% of aircraft mishaps. Len Famiglietti. tab AF Times 41:13 Dec 22 '80

The rumor mill. Maj Arthur P. Meikel. illus Aerosp Safety 36:16-17 Nov '80

Snow and ice on the runway. TIG Brief 32:18 Feb 8 '80

Unauthorized vehicles on the runway. TIG Brief 32:17-18 Nov 14 '80

ACCIDENTS, GROUND (MISSILES)

'Mum' still the word on nukes. AF Times 41:16 Oct 27 '80

New safety rules after Titan blast. Len Famiglietti. illus AF Times 41:1+ Oct 6 '80

PE (Personnel Error): Not physical education. TIG Brief 32:6 Nov 14 '80

10 injured in explosion (in Titan II missile silo). AF Times 41:8 Sep 29 '80

Titan missile hazard team wins praise. AF Times 41:33 Oct 13 '80

ACCIDENTS, GROUND (MISSILES) - Continued

Titan replacement urged by Stennis. AF Times 41:7 Oct 13 '80

Two injured in explosion suing Titan contractor. AF Times 41:4 Nov 17 '80

The U.S. Senate honors heroic Titan crews. Edgar Ulsamer. AF Mag 63:40-41 Dec '80

ACCIDENTS, MARINE

AF in 'greatest maritime rescue.' (Ocean liner Prinsendam) SSgt Andrew Flood. AF Times 41:4 Nov 3 '80

Anatomy of two collisions. CAPT Ed Gilbert. illus map US Nav Inst Proc 106:132-136 Oct '80

ACCIDENTS, NUCLEAR

'Mum' still the word on nukes. AF Times 41:16 Oct 27 '80

NUWAX-79 (NUclear Weapons Accident eXercise)/ lessons learned. TIG Brief 32:7-8 Jun 13 '80

Reporting Broken Arrows. TIG Brief 32:8 Dec 12 '80

The Three-Mile mission. (AF helicopters from Andrews AFB, MD, provide transportation for officials monitoring escaping radiation at Three-Mile Island) Airman 24:43 May '80

ACCIDENTS, TRAFFIC

Deaths off 3 percent for occupants. AF Times 41:35 Nov 3 '80

Just another Saturday. illus Soldiers 35:34-35 Nov '80

Two-wheeled death. TIG Brief 32:19 Sep 12 '80

Investigations

Tests show small cars lethal in head-on crashes. AF Times 41:29 Sep 15 '80

Statistics

Accident figures up for bikes, runways. AF Times 41:16 Nov 24 '80

The \$485,112 bicycle. TIG Brief 32:22 Nov 28 '80

Losses from Air Force motor vehicle mishaps. tab TIG Brief 32:15 Jun 13 '80

Motorcycle deaths rise. AF Times 40:8 Apr 21 '80

Motorcycle fatalities up sharply. TIG Brief 32:14 Jun 27 '80

Statistics grim on bike helmets. AF Times 41:34 Aug 11 '80

Traffic accidents: Deaths up, travel down. TIG Brief 32:4 Sep 26 '80

ACCLIMATIZATION

Training and acclimatization: Effects on responses to exercise in a desert environment. Christine L. Wells and others. tabs Aviation, Space & Envmt Med 51:105-112 Feb '80

ACCOUNTING

Accounting and finance office quality assurance program. TIG Brief 32:5 Jul 25 '80

Centrally managed allotments: A new name--but the problems remain. Lawrence W. Conrad. illus AF Compt 14:26-30 Apr '80

Directorate of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:29 Oct '80

Discounting defense capital expenditure proposals and determining the discount rate. LtCol Eugene O. Poindexter, Ret. illus tabs Armed Forces Compt 25:8-11 Feb '80

The effect of business decisions. Dallas R. Blevins. tabs Armed Forces Compt 25:24-27 Feb '80

The Federal budget: Cost-based in the 1980's. Charles A. Bowsher and others. illus tab Armed Forces Compt 25:10-15+ Aug '80

GAO charges DPSC (Defense Personnel Support Center) with poor bookkeeping--millions out of control. Paul Smith. AF Times 41:8 Dec 29 '80

How an AFO plans for operations under emergency conditions. Maj Ronald A. Dice. illus AF Compt 14:44-47 Jul '80

How Treasury is using ADP to cleanup double payments. Govt Exec 12:22+ Jun '80

The impact of time on the value of cash flows. Dallas R. Blevins. illus tabs Armed Forces Compt 25:16-19 May '80

Notes from the Director of Accounting & Finance. BrigGen George C. Lynch. illus AF Compt 14:27 Jan '80

Notes from the Director of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:39 Apr '80

Notes from the Director of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:28 Jul '80

Well-controlled accounting systems--a must for the eighties. (Address, American Society of Military Comptrollers National Symposium, San Antonio, May 22, 1980) Elmer B. Staats. illus Armed Forces Compt 25:4-7+ Nov '80

ACES

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 63:151-167 May '80

The International Fighter Pilots Meeting--Fürstentfeldbrucke AB, Germany, 1979: Air aces from 12 nations convene. Ben Hamilton. illus Aerosp Hist 27:117-121 Jun '80

Richthofen's record beaten by WW II ace (Maj Erich Hartmann). Jay Miller. illus AF Times 40:30 Apr 21 '80

ACKER, William P.

The general (William P. Acker) gets the word. (Members of the Commander's Representative Team provide communication between the troops and the general) A1C Walter D. Rath. por Airman 24:18-19 Dec '80

ACOUSTICS

New solutions emerge to solve old sonar problems. George Rand. illus Def Elect 12:17-20 Oct '80

SOSUS (Sound Surveillance System) and U.S. ASW tactics. Norman Friedman. map US Nav Inst Proc 106:120-123 Mar '80

ADAMS, Ranald T., Jr

IADB (Inter-American Defense Board)--'attitude of the hemisphere.' Interview. LtGen Ranald T. Adams. por AF Times 40:27 Jun 23 '80

ADJUTANT GENERALNational Guard--Armed Forces

AG "Resolves" seek "teeth" for total force. (AGASU 1980 Conference at Portland) illus Natl Guard 34:8-11 May '80

National Guard--ArmyDirectories

State Adjutants General. Army 30:222 Oct '80

ADMINISTRATIONSee also

Management
Management, Military
Personnel Administration

Malaysian national security from the bureaucrat's eye: A preliminary analysis. Zara Dian. illus map tabs Asian Def J No. 4:8-10+ Jul-Aug '80

ADMIRALS see Flag Officers

ADOPTION see Children, Military

ADVANCED AIRBORNE COMMAND POST

The U.S. military updates its airborne communications, command and control systems. Hugh Lucas. illus Interavia 35:1099-1102 Dec '80

ADVANCED MANNED STRATEGIC AIRCRAFTSee also

Airplane Type--B-1

ADVANCED MEDIUM SHORT TAKEOFF AND LANDING TRANSPORT

Human resource considerations from concept through deployment. William B. Askren and Gordon A. Eckstrand. illus Def Mgt J 16:12-19 Second Quarter '80

ADVANCED RESEARCH PROJECTS AGENCY see Defense Advanced Research Projects Agency

ADVANCED SURFACE MISSILE SYSTEM see Missile Type--Aegis

ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT

AGARD--what it is and what it does. J. Burnham. illus NATO's Fifteen Nations 25:57-58 Aug-Sep '80

AERIAL GUNNERY see Gunnery, Aerial

AERIAL REFUELING see In-Flight Refueling

AERIAL WARFARE see Air Warfare

AERO CLUBSUnited States

Aero clubs can add avionics. AF Times 40:31
Jan 28 '80

The other pilots in the Air Force. Maj Michael T.
Fagan. illus Aerosp Safety 36:19-21 Jul '80

Proficiency Aviators Limited case study--a compre-
hensive business management problem. Maj Har-
old E. Rafuse. tabs Educ J 22:68-80 AY '79/'80

AEROBATICS

See also
Thunderbirds

AEROBICS see Physical Fitness

AERODYNAMICS

Aerodynamicist (Richard Travis Whitcomb): Flight
theory personified. Jay Miller. illus AF Times
pt 1, 40:32 Jun 23 '80; pt 2, 40:22 Jun 30 '80; pt 3,
40:28 Jul 7 '80

Behind the power curve. Maj Pete Abler. illus TAC
Attack 20:4-6 May '80

Whifferrills, divergences, and other roll coupling
phenomenon. Larry Walker. illus Aerosp Safety
36:5-7+ Apr '80

AEROFLOT

The Soviet competition--Tu-134 "Crusty." illus MAC
Flyer 27:16-17 Aug '80

USSR's airlift about 1/4 of U.S.--but most distances
are shorter. Armed Forces J Intl 117:17+ Apr '80

AEROMEDICAL EVACUATION

See also
MAST (Military Assistance to Safety and Traffic)

Aeromedical transportation of psychiatric patients:
Historical review and present management. David
R. Jones. Aviation, Space & Envmt Med 51:709-
716 Jul '80

Air transport of the man who needs everything. Phyl-
lis J. Hansen. Aviation, Space & Envmt Med 51:
725-728 Jul '80

Earthquake: Cal Medex '80--San Franciscans secure
with earthquake relief exercise. illus Natl Guard
34:14-17 Jul '80

The European intra-inter theater aeromedical evac-
uation system: Our mission--our attempt. Loretta
M. Bakas and Mary Gene Guzinski. illus tabs Avia-
tion, Space & Envmt Med 51:290-292 Mar '80

Field interactions in aerovac nursing. Joan B. Burke.
Aviation, Space & Envmt Med 51:618-621 Jun '80

GAO faults DOD on plans to handle war casualties.
AF Times 41:4 Jul 28 '80

Helicopter 'ambulances'--a developing market. Marc
Grangier. illus Interavia 35:436-437 May '80

A look at quality assurance through the audit process.
Phyllis J. Hansen. Aviation, Space & Envmt Med
51:937-938 Sep '80

1978 operations uncovered some readiness shortfalls.
Tom Philpott. AF Times 41:25 Aug 11 '80

AEROMEDICAL EVACUATION - Continued

Patient care anywhere. SMSgt Gerald H. Smith. illus
Air Reservist 32:12-13 Feb '80

Return to America (for released hostage Richard
Queen). TSgt Ed Martins. illus Air Reservist 32:44
Aug '80

Rex Amethyst. Maj Robert D. Dubiel. illus Air Re-
servist 32:15 May '80

To save a life = Med-evac (at Loring AFB, ME). Capt
Onesimo Solis, Jr. Combat Crew 30:26 May '80

AEROMEDICAL EVACUATION UNITS

Air route to recovery. (MAC's 55th Aeromedical Air-
lift Sq and 2d Aeromedical Evacuation Sq transport
patients from various European locations to hospi-
tals) Hans Ostertag. illus Airman 24:40-42 Mar '80

AEROMEDICINE see Aviation Medicine

AERONAUTICAL CHARTS

Altitude planning: A critical edge. Capt Frame J.
Bowers III. illus USA Avn Dig 26:6-7 Oct '80

Charting for the 80's. (Topographic/electromagnetic
charting) LtCol James D. Murna. illus Airlift Ops
Rev 2:5-7 Apr-Jun '80

Know your charts. illus MAC Flyer 27:12-13 Jul '80

The National Ocean Survey--planning for the future.
RADM Herbert R. Lippold, Jr. illus chart Mil
Engr 72:25-29 Jan-Feb '80

AERONAUTICAL ENGINEERINGStudy and Teaching

Norton (AFB, CA) gives interns (Air Force Systems
Command's Engineering Student Officer program)
a look. SRAMn Matt Scherer. AF Times 41:35
Sep 29 '80

AERONAUTICAL ENGINEERS

Aircraft engine designer (A.A. Mikulin). LtCol V. Ai-
darov. illus Soviet Mil Rev No. 2:34-35 Feb '80

(Col) George V. Holloman: Missile pioneer. Jacob
Neufeld. illus Aerosp Hist 27:101-102 Jun '80

Giuseppe Bellanca and the search for "pure stream-
line." William M. Leary, Jr. illus Aerosp Hist 27:
187-191 Sep '80

The most reliable aircraft. (Lavochkin-designed
planes) V. Aidarov. illus Soviet Mil Rev No. 8:43-
45 Aug '80

The strength of intellect. (Alexander F. Mozhaisky)
Col N. Yelshin. illus Soviet Mil Rev No. 3:41-42
Mar '80

AERONAUTICAL INSTRUMENTS

See also specific kinds of instruments. e.g.,
Altimeters

Big instrument. Regular feature in some issues of
Combat Crew

Frozen pitot static lines. TIG Brief 32:18 Mar 21 '80

AERONAUTICAL RATINGS

Flight pay: \$15,000 more for career. Bruce Callan-
der. AF Times 41:4+ Sep 22 '80

AERONAUTICAL RATINGS - Continued

Nav shortage severe, situation complex. John Ginovsky. AF Times 41:15 Sep 1 '80

Rated levels may get worse. Interview. BrigGen John T.Chain, Jr. AF Times 40:10 Jan 28 '80

Rated prioritization--setting the record straight. Col Henry Viccellio, Jr. Aerosp Safety 36:20-22 Jun '80

Supplement reflects drop in rated levels. AF Times 40:8 Feb 11 '80

AERONAUTICAL RESEARCHFrance

The Toulouse Aeronautical Test Centre--a total aviation facility. Germain Chambost. illus Interavia 35:434-435 May '80

Great Britain

The Royal Signals & Radar Establishment. illus maps Asian Def J No.2:78-79+ Mar-Apr '80

United States

In aeronautics, affordability is king. Edgar Ulsamer. illus AF Mag 63:55-61 Dec '80

Research programs in general aviation--next generation aircraft. Marc Grangier. illus tab Interavia 35:123-128 Feb '80.

AERONAUTICAL SYSTEMS DIVISION

ASD looks at 'firsts' during past decade. illus AF Times 40:21 Jan 14 '80

How ASD is meeting the needs of the nineties. LtGen Lawrence A.Skantze. illus chart AF Mag 63:37-43 Oct '80

In aeronautics, affordability is king. Edgar Ulsamer. illus AF Mag 63:55-61 Dec '80

AERONAUTICS

This heading is used for articles on technical and technological aspects of aviation and aircraft, both military and civilian; Airlines is used for articles on commercial air transportation companies; Flying is used for popular, nontechnical articles on the pleasures of flying.

See also

Altitude Flying	Instrument Flying
Aviation	Night Flying
Flight, Low-Altitude	Visual Flying

A more liberal, avant garde R&D program. Edgar Ulsamer. illus AF Mag 63:42-47 Jun '80

AEROSPACE DEFENSE CENTER

Aerospace Defense Center. illus AF Mag 63:124 May '80

The Aerospace Defense Center. Col Louis R.Ravetti. illus tab AF Compt 14:4-7 Jan '80

AEROSPACE DEFENSE COMMAND

The Aerospace Defense Center. Col Louis R.Ravetti. illus tab AF Compt 14:4-7 Jan '80

AEROSPACE EDUCATION FOUNDATION

"All because of Jim Straubel." Robin L.Whittle. illus tabs AF Mag 63:94-96 Nov '80

Doing double duty. (Many Air Force occupational courses are redistributed to civilian schools through the Aerospace Education Foundation) Capt Dick Sheffield. illus Airman 24:32-35 Apr '80

AEROSPACE INDUSTRY AND TRADESee also

Aircraft Industry and Trade
Electronic Industry and Trade
Missile Industry and Trade
Space--Commercial Applications

Aerospace world. Regular feature in issues of Air Force Magazine

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

Jane's aerospace review, 1979/80. John W.R.Taylor. illus AF Mag 63:32-39 Jan '80

The world of aerospace. Regular feature in issues of Interavia

Exhibitions

ILA (International Aerospace Exhibition) '80 in Hanover: The Federal Republic of Germany welcomes the world aerospace industry. Arno L.Schmitz. illus tabs NATO's Fifteen Nations 25:69-70+ Feb-Mar '80

Military highlights from Farnborough International '80. illus Intl Def Rev 13, No.8:1285-1290 '80

International Aspects

Creation of Arianespace, the world's first space transportation company. tab Interavia 35:401 May '80

Transatlantic codevelopment. F.Clifton Berry, Jr. illus AF Mag 63:63-66+ Sep '80

Europe, Western

Creation of Arianespace, the world's first space transportation company. tab Interavia 35:401 May '80

Germany (Federal Republic)

MBB (Messerschmitt-Bölkow-Blohm)--one of Europe's largest aerospace integrators. illus Interavia 35:313-317 Apr '80

West German space programs. illus tab Interavia 35:311-312 Apr '80

Great Britain

Britain's aerospace industry. illus tabs Interavia 35:767-782 Sep '80

The British aerospace industry at Farnborough. Yves Robins. illus Aerosp Intl 16:4-6+ Sep-Oct '80

The British scene: Under new management. tabs Interavia 35:767-768 Sep '80

AEROSPACE INDUSTRY AND TRADE - ContinuedGreat Britain - Cont'd

10,000th GR-H4 gyroscope marks British production achievement. illus Asian Def J No. 3:106-107 May-Jun '80

Italy

The Italian aerospace industry: Facing the eighties. illus Aerosp Intl 16:4-6+ May-Jun '80

Sweden

The Swedish aerospace industry seeks new projects--new multi-role military aircraft planned for the nineties. illus map tab Interavia 35:159-164 Feb '80

United States

The DOD businessman: Why MANTECH (MANufacturing TECHNOLOGIES) is as important as new weapons. illus Govt Exec 12:34+ Sep '80

In aeronautics, affordability is king. Edgar Ulsamer. illus AF Mag 63:55-61 Dec '80

U.S. aerospace industry. Ron Sherman. illus NATO's Fifteen Nations 25:61-63+ Aug-Sep '80

The U.S. aerospace industry in the 1980s: Muted optimism. J. Philip Geddes and others. illus tabs Interavia 35:1123-1129+ Dec '80

AEROSPACE MEDICAL ASSOCIATION

(Annual directory and index) Aviation, Space & Envmt Med 51: entire issue Dec '80

Minutes of 1980 Business Meeting (Aerospace Medical Assoc, May 13, 1980). illus Aviation, Space & Envmt Med 51:944-947 Sep '80

1980 award winners of the Aerospace Medical Association. illus Aviation, Space & Envmt Med 51: 736-741 Jul '80

Directories

(Annual directory and index) Aviation, Space & Envmt Med 51: entire issue Dec '80

AEROSPACE MEDICINE see Aviation MedicineAEROSPACE POWERSee also

Air Defenses

Air power and new technology. Marshal Neil Cameron. illus NATO's Fifteen Nations Special Issue No. 2:6-7+ '79

Jane's aerospace review, 1979/80. John W.R. Taylor. illus AF Mag 63:32-39 Jan '80

Overcoming air defenses: A misuse of air power. Capt R.W. Walker. MarCor Gaz 64:20-22 Oct '80

Strategic air power. Gen Richard H. Ellis. illus RUSI J for Def Studies 125:3-8 Mar '80

GermanyHistory

British and German air doctrine between the wars. Williamson Murray. illus AU Rev 31:39-58 Mar-Apr '80; Comments. MajGen I.B. Holley, Jr and GpCapt Ian Madelin. 32:99-101 Nov-Dec '80

AEROSPACE POWER - ContinuedGreat BritainHistory

British and German air doctrine between the wars. Williamson Murray. illus AU Rev 31:39-58 Mar-Apr '80; Comments. MajGen I.B. Holley, Jr and GpCapt Ian Madelin. 32:99-101 Nov-Dec '80

NATO

Air power--dominant in NATO strategy. AM John Nicholls. illus Hawk No. 40:13-18 Feb '80

Air power in the Central Region. AVM M.J. Armitage. illus RUSI J for Def Studies 124:33-38 Dec '79

Russia

Power projection or influence: Soviet capabilities for the 1980s. Keith A. Dunn. illus tabs map Nav War Col Rev 33:31-47 Sep-Oct '80

6th annual Soviet aerospace almanac. illus charts tabs AF Mag 63:41-52+ Mar '80

The Soviet air programme. J. Erickson. illus NATO's Fifteen Nations 25:28-32 Aug-Sep '80

United States

Airpower and national defense. (Presentation, First State Flight of the Order of Daedalians, Dover AFB, DE, June 6, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 10-14, Aug '80

(Hans) Mark sounds call (at AFA Convention, 1980). AF Times 41:14 Sep 29 '80

History

Billy Mitchell, prophet of U.S. air power. Hy Kaplan. illus Sergeants 18:14-15 Dec '80

From Kitty Hawk to Pearl Harbor. Bruce Callander. illus AF Times 41:20+ Dec 8 '80

National space policy and aerospace doctrine. (Presentation, National Space Club, Washington, Oct 24, 1979) MajGen William R. Yost. AF Plcy Ltr for Comdrs: Sup No. 1:7-16 Jan '80

AEROSPACE RESCUE AND RECOVERY SERVICE

Rescue--the round trip ticket. Capt Dick Mullery. illus TAC Attack 20:24-26 Apr '80

Search and rescue in Southeast Asia, 1961-1975. Capt Earl H. Tilford, Jr. illus AU Rev 31:60-74 Jan-Feb '80

Statistics

Search and rescue in Southeast Asia, 1961-1975. Capt Earl H. Tilford, Jr. illus AU Rev 31:60-74 Jan-Feb '80

AFGHANISTAN

'The Afghan Armed Forces--to the Soviet invasion 1980.' G. Jacobs. illus map tabs Asian Def J No. 6: 74-75+ Nov-Dec '80

Afghanistan: A watershed. Editorial. John L. Frisbee. AF Mag 63:9 Feb '80

Afghanistan, causes and results. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jan 28 '80

AFGHANISTAN - Continued

Afghanistan--the great game. Col Jerome J. Haggerty. illus map Mil Rev 60:37-44 Aug '80

Afghanistan: Why? Editorial. Syed Hussain bin Syed Abdul Karim. illus Asian Def J No. 2:4-5 Mar-Apr '80

Friends and enemies of Afghanistan. Akbar Jabarov. Soviet Mil Rev No. 4:51-53 Apr '80

The modern barbarians. L. Thomas Walsh. Armed Forces J Intl 117:50+ Jul '80

Pakistani geopolitics: The diplomatic perspective. Sultan Muhammed Khan. Intl Sec 5:26-36 Summer '80

The Soviet invasion of Afghanistan: Methods, motives, and ramifications. Capt Joseph J. Collins. illus Nav War Col Rev 33:53-62 Nov-Dec '80

The Soviet military stake in Afghanistan: 1956-79. Patrick J. Garrity. illus RUSI J for Def Studies 125:31-36 Sep '80

Soviet tactics in Afghanistan. Edgar O'Ballance. illus Mil Rev 60:45-52 Aug '80

The superpowers and the Northern Tier. Zalmay Khalilzad. Intl Sec 4:6-30 Winter '79/'80

Foreign RelationsRussia

Afghanistan--a dissenting appraisal. Geoffrey Warhurst. RUSI J for Def Studies 125:26-30 Sep '80

From Prague to Kabul: The Soviet style of invasion. Jiri Valenta. Intl Sec 5:114-141 Fall '80

Soviet ambitions in South Asia. A. G. Noorani. Intl Sec 4:31-59 Winter '79/'80

History

Afghanistan: A catalyst, not a passage. Stefan T. Possony. Def & For Aff 8, No. 2:48 '80

Strategic Importance

Afghanistan: A catalyst, not a passage. Stefan T. Possony. Def & For Aff 8, No. 2:48 '80

Afghanistan--a dissenting appraisal. Geoffrey Warhurst. RUSI J for Def Studies 125:26-30 Sep '80

The Afghanistan crisis. Pervaiz Iqbal Cheema. illus Islamic Def Rev 5, No. 2:11-19 '80

The Soviet invasion of Afghanistan. R. D. M. Furlong and Theodor Winkler. illus map Intl Def Rev 13, No. 2:168-170 '80

The Soviet military stake in Afghanistan: 1956-79. Patrick J. Garrity. illus RUSI J for Def Studies 125:31-36 Sep '80

The Soviet status in Afghanistan. illus Def & For Aff 8, No. 2:36-38+ '80

What are U.S. interests? (Presentation, Council on Foreign Relations, New York, March 6, 1980) Harold Brown. AF Pley Ltr for Comdrs: Sup, pp 2-10, May '80

AFRICAPolitics and Government

African militaries as foreign policy actors. Henry Bienen. Intl Sec 5:168-186 Fall '80

Strategic Importance

The Cuban catspaw. MajGen Charles Stainforth. Army Qtr 109:6-10 Jan '79

Soviet and radical Arab designs on the Saharan Belt. Arabel G. Kossow. map Armed Forces J Intl 117:22+ Jun '80

AFRICA, CENTRAL

Soviet and radical Arab designs on the Saharan Belt. Arabel G. Kossow. map Armed Forces J Intl 117:22+ Jun '80

AFRICA, SOUTH

Here are entered articles on the southern region of Africa. For the country of South Africa see South Africa (Republic).

Perspective from Southern Africa. John Killick. illus NATO's Fifteen Nations 25:29-30 Jun-Jul '80

Rhodesia's settlement: Conflict turns Southward. Def & For Aff 8, No. 1:20-21 '80

AFRICA, SUB-SAHARAN

Soviet and radical Arab designs on the Saharan Belt. Arabel G. Kossow. map Armed Forces J Intl 117:22+ Jun '80

AGESee also

Old Age

The aging veteran. Bryant Robey and Mary John. (Reprinted from American Demographics, Nov-Dec 1979) illus tab Sergeants 18:18-22 Nov '80

Group (President's Commission on Pension Policy) says people retiring too young. AF Times 41:6 Dec 1 '80

AGRICULTURESee also

Airplanes in Agriculture

AIR ALERT see Alert Systems

AIR ASSAULT CONCEPT

Air assault division: Missions. Maj Briley W. Howell, Jr. illus Mil Rev 60:19-29 Feb '80

Airmobility revisited. LtGen Harry W. O. Kinnard, Ret. illus USA Avn Dig pt 1, 26:1-5+ Jun '80; pt 2, 26:8-14 Jul '80

Confrontation in the Middle East. Gen Hamilton H. Howze, Ret. illus map Army 30:22-26 Aug '80

HASTE (Helicopter Assault Survivability in a Threat Environment)--helicopter survivability. Maj Arthur L. Greaney. illus USA Avn Dig 26:4-5 Apr '80

The Hind myths & facts. Capt Carl E. Daschke. (Reprinted from United States Army Aviation Digest, Dec 1979) illus Air Def Mag, pp 12-14, Jan-Mar '80

AIR ASSAULT CONCEPT - Continued

Roller Coaster operations across the FEBA (Forward Edge of the Battle Area). LtCol William C. Page, Jr. illus USA Avn Dig 26:34-38 Mar '80

AIR BASE DEFENSE

See also
Disaster Control

Study and Teaching

SPs get 'Viet' training. SSgt Ron Pack. AF Times 41:25 Oct 20 '80

AIR BASES

See also
Tenant Units

Air forces of Asia. Pushpinder Singh. illus tabs Asian Def J No. 3:34-36+ May-Jun '80

Roots: Preserving our history. (Protection of Air Force historic properties) Joan Scott and Capt Stephen Hann. illus AF Engrg & Svcs Qtr 21:18-21 Nov '80

Construction

Fast tracking the Israeli air bases. Col Clarence D. Gilkey. illus map Mil Engr 72:316-317 Sep-Oct '80

Israeli air base construction program. Capt Karsten H. Rothenberg. illus map AF Engrg & Svcs Qtr 21:13-16 May '80

Two new bases planned for MX. John Ginovsky. map AF Times 40:28 Apr 14 '80

Israel

Fast tracking the Israeli air bases. Col Clarence D. Gilkey. illus map Mil Engr 72:316-317 Sep-Oct '80

Israeli air base construction program. Capt Karsten H. Rothenberg. illus map AF Engrg & Svcs Qtr 21:13-16 May '80

United States

Air bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

1979 Air Force Design Awards. illus AF Engrg & Svcs Qtr 21:17-19 Feb '80

Out of 40 bases targeted, only six closed. AF Times 41:16 Dec 15 '80

Wood this energy idea work well? illus AF Times 40:23 Jul 7 '80

Directories

Guide to Air National Guard bases. AF Mag 63:175-177 May '80

Guide to USAF bases (and stations) at home and abroad. map AF Mag 63:168-175 May '80

Latest guide to bases. AF Times 40:10 Jan 7 '80

Maintenance and Repair

Bleak O&M picture: \$680 million needed for house-keeping. Don Mace. AF Times 40:18 Jan 28 '80

AIR BASES - ContinuedBrooks AFB, TX

A chamber of life. (Hyperbaric medicine treats a variety of illnesses and wounds in pressure chambers at Brooks AFB, TX) TSgt Alan Prochoroff. illus Airman 24:15-19 Sep '80

Edwards AFB, CA

Edwards (AFB, CA) fights coal-fired plant. AF Times 40:19 Jun 30 '80

Eglin AFB, FL

Helping the Cuban refugees at Eglin's Camp Liberty. illus AF Times 40:L12 Jun 30 '80

Live 'souvenirs' a danger at Eglin (AFB, FL). AF Times 40:43 Jun 16 '80

Eielson AFB, AK

'Ancient' phone system keeps Eielson (AFB, AK) unit busy. TSgt Dwight Trimmer. illus AF Times 40:57 May 19 '80

Assignment: Eielson (AFB, AK). Capt Ron Bullard. illus Combat Crew 30:6-7+ Feb '80

Fairchild AFB, WA

An unexpected visitor (Mount Saint Helens). Capt Patrick M. Rosenow. illus Combat Crew 30:8-11 Dec '80

Volcanic ash removal continues at Fairchild (AFB, WA). AF Times 40:4 Jun 16 '80

Hamilton AFB, CA--History

Hamilton Air Force Base (CA), 1931-1950: A pictorial tribute. Chuck Hansen. illus Am Avn Hist Soc J 24:269-272 Winter '79

Hill AFB, UT

Hill Air Force Base (UT): "First in the F-16." Maj Donald W. Staffon. illus TAC Attack 20:26-28 Jun '80

Holloman AFB, NM

Student pilots get a LIFT (Lead-In Fighter Training) at Holloman (AFB, NM). illus AF Times 41:32 Oct 6 '80

Lackland AFB, TX

The general (William P. Acker) gets the word. (Members of the Commander's Representative Team provide communication between the troops and the general) A1C Walter D. Rath. illus Airman 24:18-19 Dec '80

It's more than marching. (USAF's basic training at Lackland AFB, TX, includes academic courses) SMSgt Dave Sheeder. illus Airman 24:9-12 Mar '80

To my TI with love. (Murals painted by basic trainees at Lackland AFB, TX, portray AF life and history) Amn Walter D. Rath. illus Airman 24:21-24 Jan '80

AIR BASES - ContinuedLittle Rock AFB, AR

Flattening the demand for power (at Little Rock AFB, AR). William E. Arnold. illus tab AF Engrg & Svcs Qtr 21:33-34 Nov '80

McClellan AFB, CA

McClellan (AFB, CA) energy showcase base. Maj George Kastanos. illus AF Engrg & Svcs Qtr 21:24-27 May '80

Lowry AFB, CO

In the Lowry (AFB, CO) tradition. (Technical training changes to meet new needs) Capt Katie Cutler. illus Airman 24:31-33 Jan '80

Malmstrom AFB, MT

CG (Comptroller General) says AF erred in Malmstrom (AFB, MT) project. AF Times 40:7 Apr 28 '80

Mather AFB, CA

Instructor Training School (Mather AFB, CA): "Having learned, I am ready to teach." Capt Harry M. Calcutt, Jr. illus Navigator 27:10-12 Spring '80

Minot AFB, ND

The luckiest people. (Volunteers at Minot AFB, ND, give time and work to local senior citizens) SSgt Jim McKee. illus Airman 24:14-15 May '80

Robins AFB, GA

Robins (AFB, GA) making an all-out effort to conserve energy. AF Times 41:36-37 Nov 17 '80

Shemya AFB, AK

Assignment: Eielson (AFB, AK). Capt Ron Bullard. illus Combat Crew 30:6-7+ Feb '80

Tinker AFB, OK

Labor-management relations at Tinker Air Force Base (OK): Fair and fundamental. MajGen Cecil E. Fox. illus Def Mgt J 16:52-55 First Quarter '80

Travis AFB, CA

The name of the game is customer service (at Travis AFB, CA). 2dLt Ralph W. Williams III. illus AF Engrg & Svcs Qtr 21:13-14 Feb '80

Vandenberg AFB, CA

Shuttle port is taking shape. Len Famiglietti. AF Times 40:4 Jul 21 '80

Wright-Patterson AFB, OH

Huffman Prairie. G. Allison Long. illus map Am Avn Hist Soc J 25:107-111 Summer '80

AIR BASES, AMERICAN

Quarters, furnishings available overseas. Table only. AF Times 41:24 Dec 8 '80

Directories

Latest guide to bases. AF Times 40:10 Jan 7 '80

USAF's principal bases overseas. AF Mag 63:173 Jul '80

AIR BASES, AMERICAN - ContinuedEgypt

Project Peace Pharaoh: Mobility at its best. (Electrical system upgrade at Cairo West Egyptian AFB) CMSgts Joseph H. Smith and Wade H. Grimm. illus AF Engrg & Svcs Qtr 21:16-17 Aug '80

Germany (Federal Republic)

Hahn (AB, Ger) 'F-4' branch keeps 150 engines on the job. SSgt Sean M. Brennan. illus AF Times 40:38 Mar 10 '80

Great Britain

New neighbors in the Cotswold. (USAF reactivates RAF Fairford, Eng) Capt Katie Cutler. illus Airman 24:19-25 Oct '80

Greenland

The white desert. (Climatic conditions at Thule AB, Greenland, are inhospitable to humans but provide important conditions for testing satellite communications equipment) Allen L. Johnson. illus Airman 24:26-31 Apr '80

Guam

Andersen (AFB, Guam) B-52s due down under. AF Times 40:37 Mar 10 '80

Andersen (AFB, Guam) team takes to the jungle. PH2 Dan Kline. illus AF Times 41:23 Oct 20 '80

Italy

The waiting game. (Aviano AB, Italy, prepares for dual based squadrons arriving for NATO exercises) Capt Katie Cutler. illus Airman 24:30-33 Nov '80

Japan

Demonstrating professional capabilities. (Two major AF construction programs in the Far East) Capt Barry Kelly. illus AF Engrg & Svcs Qtr 21:33-36 May '80

Korea (Republic)

Surge! (Fast, capable maintenance of aircraft is important during flying sorties at Osan Air Base, ROK) SrAmn Mark Curry. illus Airman 24:44-48 May '80

Philippines (Republic)

Clark's (AB, RP) 'halfway house' (for abused children and spouses) praised by USAF aide. AF Times 41:16 Nov 17 '80

Post-exposure use of the new human diploid cell (rabies) vaccine at Clark Air Base (RP). Andrew W. Tice, Jr. Aviation, Space & Envmt Med 51: 923-925 Sep '80

Vietnam (Republic)

Bien Hoa Air Base holocaust. George J. Frank. illus Aerosp Hist 27:195-198 Sep '80

AIR CABIN CREWS see Cabin CrewsAIR CARGOSee also

Hazardous Substances--Transportation

Cargo cowboys. (National aerial port championship) Maj Kim McDonald. illus Air Reservist 32:10-11 Jul '80

AIR CARGO - Continued

Control of 463L pallets. TIG Brief 32:6 Jul 11 '80

LOGAIR Mark 2: An alternative logistics airlift system. Maj Nicholas Van Valkenburgh. maps tabs AF J Log 4:25-29 Spring '80

Why the U.S. needs the C-X. (Presentation, East Coast Section, Society of Experimental Test Pilots, Washington Navy Yard, March 18, 1980) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 23-27, Jun '80

AIR CAVALRY

ACAB: Air Cavalry Attack Brigade. Maj Albert R. Stewart. illus USA Avn Dig 26:2-6 Jul '80

Airborne armor and cavalry. 2dLt Thomas D. Dinackus. illus chart Armor 89:9-12 Sep-Oct '80

Blackhorse: 6th Cavalry Brigade (Air Combat). Col Robert F. Molinelli and Capt Michael F. Russell. illus USA Avn Dig 26:2+ Jan '80

III Corps aviation: Capt Robert V. Lambert. illus USA Avn Dig 26:5-6 Aug '80

Heavy Cav: 7th Squadron/17th Cavalry. LtCol E. W. Cavanaugh, Jr and Capt David M. Burnett. illus map USA Avn Dig 26:3+ Jan '80

Real Cav: 4th Squadron/9th Cavalry. LtCol Kenneth E. Kimes and Capt Ralph S. Reed. illus USA Avn Dig 26:4+ Jan '80

AIR CREWSSee also

Cabin Crews

also specific kinds of crew members, e.g., Navigators
Pilots

Airbus A310: Cockpit layout and crew complement debated. illus tabs Interavia 35:227-230 Mar '80

Aircrew testing: One IG team's approach. TIG Brief 32:3-4 Sep 12 '80

(Airlift issues) (Interview with Col Robert B. Patterson) Maj Edward F. Wittel. illus Airlift Ops Rev 2:2-8 Jul-Sep '80

Blue/gold aircrew operations. LtCol Walter M. Patterson III. illus tabs Airlift Ops Rev 2:15-21 Jan-Mar '80

Detection of coronary artery disease in asymptomatic aircrew members with thallium-201 scintigraphy. Gregory S. Uhl and others. tab Aviation, Space & Envmt Med 51:1250-1255 Nov '80

Fasting or feeding? A survey of fast-jet aircrew nutrition in the Royal Air Force Strike Command, 1979. M.G.P. Fisher and D.W. Atkinson. tabs Aviation, Space & Envmt Med 51:1119-1122 Oct '80

Flight pay: \$15,000 more for career. Bruce Callander. AF Times 41:4+ Sep 22 '80

Flight safety. Col-Gen V. Andreyev. illus Soviet Mil Rev 10:22-24 Oct '80

Getting the lead out--helpful hints for otiose aircrew members. illus MAC Flyer 27:14-15 Nov '80

AIR CREWS - Continued

In praise of the aircrew. (From a tribute read at the Memorial Service, Dyess AFB, TX, for the 463d TAW crewmen killed in the crash of their C-130 Hercules near Tarsus, Turkey, March 14, 1980) LtCol Gene Hollrah. AF Plcy Ltr for Comdrs: Sup, pp 35-36, Jun '80

She operates a gas station at 20,000 feet. 1stLt James C. Pearson. illus Sergeants 18:18-19 Sep '80

Straight talk. George R. Jansen. illus MAC Flyer 27:13-15 Dec '80

Suspected coronary artery disease among military aviation personnel. William Buckendorf and others. tabs Aviation, Space & Envmt Med 51:1153-1158 Oct '80

Those magnificent men, those old flying machines--are B-52 crews the kamikazes of tomorrow? Jay Finegan. AF Times, Times Magazine sup:6-9+ Oct 6 '80

Wings for nonrated; badge break for EM. Bruce Callander. illus AF Times 40:1+ May 12 '80

Your job or your life. Maj Alan D. York. illus MAC Flyer 27:13-15 Sep '80

Education and Training

ATM: Aircrew Training Manuals. Maj Ronald K. Lovejoy and William N. Presley. USA Avn Dig 26:2-3+ Sep '80

Aeroformation: Success of Airbus spurs growth. Germain Chambost. illus Interavia 35:360-361 Apr '80

Aircrew training and ISD (Instructional Systems Development). TIG Brief 32:12 Sep 12 '80

Close Look II. LtCol William D. Forsythe. illus Airlift Ops Rev 2:13-20 Jul-Sep '80

Crew confusion: Helicopter mishap with a moral. Aerosp Safety 36:26-27 Jul '80

14 women to get aircrew training. AF Times 40:12 May 26 '80

Movin' in the model 'A.' TSgt Ed Martins. illus Air Reservist 32:6-8 Sep-Oct '80

150 new crews OK'd for airlift training. Lee Ewing. illus AF Times 41:16 Aug 4 '80

Peacetime training vs wartime role. MajGen Charles F.G. Kuyk, Jr, Ret. illus tab Airlift Ops Rev 2:11-12 Jul-Sep '80

The real, simulated thing: New concepts in training with CTA (Companion Trainer Aircraft). David Harvey. illus Def & For Aff 8, No. 7:7-9+ '80

Reserves training crews for SAC KC-10s. AF Times 41:15 Nov 24 '80

Sea Harrier status report. Paul Maurice. illus Intl Def Rev 13, No. 6:865-866 '80

Student pilots get a LIFT (Lead-In Fighter Training) at Holloman (AFB, NM). illus AF Times 41:32 Oct 6 '80

AIR CREWS - ContinuedEducation and Training - Cont'd

Tornado conversion courses underway at MBB (Messerschmitt-Bolkow-Blohm). Interavia 35:751-752 Sep '80

Train the way we fight. MajGen Andrew Pringle, Jr. illus Combat Crew 30:2-3 Jul '80

Training the best: The 380th BMW and the 4007th CCTS prepare FB-111A crews to fly and fight. illus Combat Crew 30:4-7+ Aug '80

AIR CUSHION VEHICLES

Air cushion vehicle (Amphibious Assault Landing Craft) most impressive in operational tests in Florida. illus MarCor Gaz 64:4 Jan '80

Army orders first air cushion vehicles (LACV-30). illus Translog 10:20 Dec '79

FPB (Fast Patrol Boats) weapon systems. (Reprinted from Electronic Warfare/Defense Electronics, Dec 1978). illus map Asian Def J No.2:86+ Mar-Apr '80

High-speed ocean vehicles. James D.Hessman. illus Sea Power 23:25-26+ Sep '80

LACV-30. Frederick DeFilippis. illus Army Log 12:17-19 Mar-Apr '80

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No.2:100+ Mar-Apr '80

AIR DEFENSE COMMAND see Aerospace Defense Command

AIR DEFENSE SUPPRESSION see Defense Suppression

AIR DEFENSESSee also

Missile Defense
Warning Systems

Air defence of land forces in the 1980s. Col Norman L.Dodd. illus Asian Def J No.2:62-63+ Mar-Apr '80

Air defence systems planning. W.M.Stothard and R.Woodcock. illus Interavia 35:215-218 Mar '80

The best buy in ground attack aircraft--new or secondhand? Roy Braybrook. illus Asian Def J No.4: 92-96 Jul-Aug '80

Long range air defence. MajGen O.D.Street III and LtCol K.N.Brown. illus tab NATO's Fifteen Nations 25:47-48+ Aug-Sep '80

Overcoming air defenses: A misuse of air power. Capt R.W.Walker. MarCor Gaz 64:20-22 Oct '80

Threat: SAM/AAA (Surface-to-Air Missiles/Anti-Aircraft Artillery)? You bet your life! Maj Forrest D.Williams. illus tabs USA Avn Dig 26:8-11 Oct '80

To withstand the firestorm. (Paul Vauthier's prophetic ideas) Philip D.Supina. illus US Nav Inst Proc 106:42-46 Nov '80

AIR DEFENSES - ContinuedHistory

History of air defense. Regular feature in some issues of Air Defense Magazine

Asia

Air forces of Asia. Pushpindar Singh. illus tabs Asian Def J No.3:34-36+ May-Jun '80

Asia, Southeastern

South East Asia air defence. AVM Stewart Menaul. illus Asian Def J No.2:74-76 Mar-Apr '80

Australia

Politics & defence: Australian military issues in the 1980's. Peter L.Young. illus Asian Def J No.1: 81-84+ Jan-Feb '80

France

Protection of nuclear strategic forces. Germain Chambost. illus tab Interavia 35:36-37 Jan '80

Germany (Federal Republic)

Radars for low-level target acquisition. illus Armada Intl 4:38+ May-Jun '80

Senior Pentagon official (Walter B.LaBerge) suggests U.S. fund billions in German air defenses. Benjamin F.Schemmer. illus Armed Forces J Intl 118: 20-21+ Sep '80

Great Britain

Developments in the United Kingdom Air Defence Region. Geoffrey Cairns. illus NATO's Fifteen Nations 25:21-23+ Aug-Sep '80

The Hawk goes East. Brian Walters. illus Asian Def J No.5:30-31 Sep-Oct '80

Low-level air defense--Rapier reaches age of maturity. Robert Heck. illus Armada Intl 4:78+ Mar-Apr '80

The RAF in the 1980s. Col Norman L.Dodd. illus Asian Def J No.5:32+ Sep-Oct '80

UKADGE (United Kingdom Air Defence Ground Environment)--latest development for the ground defence environment. Dan Boyle. illus Interavia 35: 922 Oct '80

Indonesia

The Hawk goes East. Brian Walters. illus Asian Def J No.5:30-31 Sep-Oct '80

NATO

Air defense radars--solutions from Selenia. Gowri S.Sundaram. illus Intl Def Rev 13, No.1:67-69 '80

Air defense suppression in a Central European theatre. Konrad Alder. illus tabs Armada Intl 4:60-62+ Mar-Apr '80

The Air Forces of NATO. Gen H.F.Gundersen and others. illus NATO's Fifteen Nations Special Issue No.2: entire issue '79

AIR DEFENSES - ContinuedNATO - Cont'd

- Air power in the Central Region. AVM M.J.Armitage. illus RUSI J for Def Studies 124:33-38 Dec '79
- Airborne Early Warning--two major systems for Europe. Dan Boyle. illus tab Interavia 35:695-701 Aug '80
- Control of the eastern seaways. Derek Wood. illus Interavia 35:44-46 Jan '80
- Defence of the North Sea and Baltic. Udo Philipp. illus Interavia 35:40-41 Jan '80
- Developments in the United Kingdom Air Defence Region. Geoffrey Cairns. illus NATO's Fifteen Nations 25:21-23+ Aug-Sep '80
- A dispersal concept for future V/STOL aircraft in RAF Germany. WgComdr J.S.Jones. Hawk No.40: 39-45 Feb '80
- ETF (Enhanced Tactical Fighter): Some thoughts on a winner. illus Def & For Aff 8:31-32 Oct '80
- Future European combat aircraft--where do we go from here? illus Intl Def Rev 13, No.5:656-657 '80
- GAO raps DOD on NATO (E-3A) deal. Len Famiglietti. AF Times 41:26 Aug 18 '80
- Helicopters for the Central Front. Mark Hewish. illus chart Intl Def Rev pt 1, 13, No.3:400-406 '80
- How much is not enough? The non-nuclear air battle in NATO's Central Region. Maj Charles L. Fox and LtCol Dino A. Lorenzini. illus tab Nav War Col Rev 33:58-78 Mar-Apr '80
- In NATO's front line--U.S. air defense in Germany. Mark Lambert. illus chart Interavia 35:915-919 Oct '80
- Long range air defence. MajGen O.D.Street III and LtCol K.N.Brown. illus tab NATO's Fifteen Nations 25:47-48+ Aug-Sep '80
- Luftwaffe planning for the 1990s. C.Regulus. illus Intl Def Rev 13, No.4:491-494 '80
- Marine air operations in northern Europe. Maj Robert J.O'Rourke. illus tab US Nav Inst Proc 106: 53-59 Nov '80
- Multiple Launch Rocket System (MLRS) to counter surge attack. J.Philip Geddes. illus Intl Def Rev 13, No.5:728-732 '80
- NATO armaments co-operation: The official U.S. DOD view. Intl Def Rev 13, No.6:803-806 '80
- NATO's maritime air defences: Countering the increasing Soviet maritime threat. Douglas Chopping. illus map Interavia 35:27-29 Jan '80
- NIS (NATO Identification System)--a new identification system for NATO. Dan Boyle. illus Intl Def Rev 13, No.3:351+ '80
- Nondivisional Chaparral Vulcan. Capt Robert M.Reddick. illus chart tab Air Def Mag, pp 30-33, Jan-Mar '80

AIR DEFENSES - ContinuedNATO - Cont'd

- Patrolling the northern territories. David Godfrey. illus Interavia 35:34-35 Jan '80
- The RAF in the 1980s. Col Norman L.Dodd. illus Asian Def J No.5:32+ Sep-Oct '80
- Tactical air operations: Problems over the battlefield. LtGen Ernst-Dieter Bernhard. illus NATO's Fifteen Nations Special Issue No.2:12-13+ '79
- Threat: Beating the Hind-D. illus USA Avn Dig 26:45-47 Nov '80
- Tornado F2--defender for NATO. WgComdr David Emerson. illus USAF Ftr Wpns Rev, pp 7-12, Winter '79

North AmericaSee also

North American Air Defense Command

Russia

- The development of Soviet aviation support. James H. Hansen. illus tabs map Intl Def Rev 13, No.5: 681-685 '80
- A 'formidable' antiaircraft defense. LtCol William P.Baxter, Ret. illus Army 30:31-33 Dec '80
- The Soviet air programme. J.Erickson. illus NATO's Fifteen Nations 25:28-32 Aug-Sep '80

Saudi Arabia

- Team in Saudi operating radar. AF Times 41:3 Oct 30 '80

United StatesSee also

North American Air Defense Command

- ADA (Air Defense Artillery) in the heavy division--a new concept of employment. LtCol Domenic P. Rocco, Jr. illus Air Def Mag, pp 30-33, Apr-Jun '80
- ADTAC participates in Giant Voice. Capt Owen Jensen. illus TAC Attack 20:18-21 Feb '80
- Air defense in the 1980s. 1stLt John N.Davis. illus Mil Rev 60:10-18 Apr '80
- Air defense of the carrier task group. CAPT John E. Lacouture, Ret. illus US Nav Inst Proc 106:60-67 Jul '80
- Air Force C³ technologies. LtGen Robert T.Marsh. illus Signal 35:32-36 Sep '80
- The Airborne/Air Force team--spearhead for rapid deployment. William P.Schlitz. illus AF Mag 63: 38-45 Feb '80
- Army air defense: A new role? MajGen Oliver D. Street III and LtCol Kenneth N.Brown. illus Army 30:24-29 May '80
- The DIVAD (DIVision Air Defense) gun program--from the beginning to now. Maj Thomas A.Vereb. illus Air Def Mag, pp 26-29, Oct-Dec '80
- Multistatic radar systems for air defense. David M. Zasada. illus tab Signal 34:65+ May-Jun '80

AIR DEFENSES - ContinuedUnited States - Cont'd

New defense horizons: Changing strategies for a changing world. (Concluding report on AFA Symposium, Los Angeles, Oct 26, 1979) Edgar Ulsamer. illus AF Mag 63:60-65 Feb '80

Nondivisional Chaparral Vulcan. Capt Robert M. Reddick. illus chart tab Air Def Mag, pp 30-33, Jan-Mar '80

Patriot--the air defense system for the 80s. illus Armada Intl 4:44+ May-Jun '80

Patriot: The U.S. Army's mobile air-defense missile system nears production. Rudi Meller. illus Intl Def Rev 13, No.4:495-499 '80

Patriot update (battalion organization). Maj Anthony J. Buetti. illus charts Air Def Mag, pp 23-25, Oct-Dec '80

Play it again, SAM. David Harvey. illus Def & For Aff 8:12-13+ Sep '80

Warsaw Pact

Air defense suppression in a Central European theatre. Konrad Alder. illus tabs Armada Intl 4:60-62+ Mar-Apr '80

The development of Soviet aviation support. James H. Hansen. illus tabs map Intl Def Rev 13, No.5: 681-685 '80

Luftwaffe planning for the 1990s. C.Regulus. illus Intl Def Rev 13, No.4:491-494 '80

AIR DROP see Airdrop

AIR EXPRESS see Air Cargo

AIR FORCE

Air forces of Asia. Pushpinder Singh. illus tabs Asian Def J No.3:34-36+ May-Jun '80

Interavia's review of world Air Forces, 1980. illus tabs Interavia 35:67-89 Jan '80

Divisions, Wings, Groups, etc

See also specific types of units, e.g.,

Aeromedical Evacuation Units

Airlift Units

Bomber Units

Fighter Units

Missile Units

Refueling Units

Statistics

Average strength of military formations. International Institute for Strategic Studies. Table only. AF Mag 63:131 Dec '80

United States

A horse of a unique color. (819th Civil Engineering Sq) Capt R.A. Torgerson and Maj K.A. Kolz. illus AF Engrg & Svcs Qtr 21:23-25 Aug '80

Spirit of the 76th (Military Airlift Sq). 1stLt Raymond R. Miller III and Capt Darryl Pichford. illus MAC Flyer 27:20-21 Oct '80

30 years of combat crew flying. Maj Stephen J. Miller. illus tabs Combat Crew 30:6-7+ Jun '80

AIR FORCE - ContinuedArgentina

The Argentinian Air Force. illus Aerosp Intl 16:41-42+ Sep-Oct '80

Asia, Southeastern

The ASEAN Air Forces. illus Aerosp Intl 16:62-66+ Mar-Apr '80

Australia

The R.A.A.F.'s new fighter--F-16 or F/A18. P.Lewis Young. illus tabs Asian Def J No.6:56-57+ Nov-Dec '80

Belgium

The Belgian Air Force. LtGen M. de Smedt. illus NATO's Fifteen Nations Special Issue No.2: 38-40 '79

Canada

The Canadian Armed Forces: Air Command. LtGen G.A.Mackenzie. illus NATO's Fifteen Nations Special Issue No.2:42+ '79

Denmark

The Royal Danish Air Force. MajGen Niels Holst-Sørensen. illus map NATO's Fifteen Nations Special Issue No.2:46-47+ '79

Tactical air power considerations in the Northern Region. LtGen J.Brodersen. illus tabs NATO's Fifteen Nations Special Issue No.2:24-27 '79

Egypt

Focus on developing air forces: The Egyptian Air Force. illus tabs Aerosp Intl 16:46-47 Jul-Aug '80

France

The French Air Force. Col Yvan Malaganne. illus tab NATO's Fifteen Nations Special Issue No.2:52+ '79

History

Texan warriors: T-6 aircraft in French service. V.E.Ferry. illus Am Avn Hist Soc J 24:291-302 Winter '79

Germany (Federal Republic)

German Air Force missions and planning. illus tab Interavia 35:303-308 Apr '80

The Luftwaffe. LtGen F.Obleser. illus NATO's Fifteen Nations Special Issue No.2:56-58+ '79

Luftwaffe planning for the 1990s. C.Regulus. illus Intl Def Rev 13, No.4:491-494 '80

Tactical air power considerations in the Northern Region. LtGen J.Brodersen. illus tabs NATO's Fifteen Nations Special Issue No.2:24-27 '79

Great Britain

Control of the eastern seaways. Derek Wood. illus Interavia 35:44-46 Jan '80

A dispersal concept for future V/STOL aircraft in RAF Germany. WgComdr J.S.Jones. Hawk No.40: 39-45 Feb '80

AIR FORCE - ContinuedGreat Britain - Cont'd

Fasting or feeding? A survey of fast-jet aircrew nutrition in the Royal Air Force Strike Command, 1979. M.G.P. Fisher and D.W. Atkinson. tabs Aviation, Space & Envmt Med 51:1119-1122 Oct '80

The RAF in the 1980s. Col Norman L. Dodd. illus Asian Def J No. 5:32+ Sep-Oct '80

The Royal Air Force. ACM Michael Beetham. illus NATO's Fifteen Nations Special Issue No. 2: 80-82 '79

Strike Command (RAF): A friendly competitor in Giant Voice '79. illus Combat Crew 30:8-11 Jan '80

United Kingdom AIR Forces (UKAIR). ACM David Evans. illus NATO's Fifteen Nations Special Issue No. 2: 18+ '79

History

Lancasters over the USA. SqLdr Andrew J. Brookes. illus Aerosp Hist 27:103-108 Jun '80

Statistics

The RAF in the 1980s. Col Norman L. Dodd. illus Asian Def J No. 5:32+ Sep-Oct '80

Indonesia

The Hawk goes East. Brian Walters. illus Asian Def J No. 5:30-31 Sep-Oct '80

Italy

The Italian Air Force. Gen Alessandro Mettimano. illus NATO's Fifteen Nations Special Issue No. 2: 63+ '79

JapanHistory

The rise and fall of the Imperial Japanese Air Forces. Alvin D. Coox. illus tabs Aerosp Hist 27:74-86 Jun '80

JordanHistory

The Royal Jordanian Air Force. illus Aerosp Hist 27: 173-177 Sep '80

Malaysia

Skyhawks for the RMAF. Enrico delle Capre. illus Asian Def J No. 3:65-66+ May-Jun '80

NATO

The Air Forces of NATO. Gen H.F. Gundersen and others. illus NATO's Fifteen Nations Special Issue No. 2: entire issue '79

How much is not enough? The non-nuclear air battle in NATO's Central Region. Maj Charles L. Fox and LtCol Dino A. Lorenzini. illus tab Nav War Col Rev 33:58-78 Mar-Apr '80

Netherlands

Joint surveillance of northern coastline. Capt Nico van Dam, Ret. illus tab Interavia 35:38-39 Jan '80

The Royal Netherlands Air Force. LtGen M.G. Geschiere. illus NATO's Fifteen Nations Special Issue No. 2: 68+ '79

AIR FORCE - ContinuedNigeria

Command and staff training in the Nigerian Air Force. GpCapt G.T. Tripp. Hawk No. 40:55-56 Feb '80

Norway

The Royal Norwegian Air Force. MajGen Ingar T. Narvhus. illus NATO's Fifteen Nations Special Issue No. 2: 72+ '79

Tactical air power considerations in the Northern Region. LtGen J. Brodersen. illus tabs NATO's Fifteen Nations Special Issue No. 2: 24-27 '79

Portugal

The Portuguese Air Force and NATO. LtGen José Lemos Ferraira. illus NATO's Fifteen Nations Special Issue No. 2: 76-77 '79

Russia

The Soviet air programme. J. Erickson. illus NATO's Fifteen Nations 25:28-32 Aug-Sep '80

Organization

Organization of Soviet Armed Forces. charts AF Mag 63:112+ Mar '80

Sweden

A pilot looks at the JA-37. Maj S. Holmstrom. illus Asian Def J No. 3:100-102 May-Jun '80

History

The acquisition of the Seversky EP-1 (P-35) by the Royal Swedish Air Force. Nils Soderberg. illus Aerosp Hist 27:169-171 Sep '80

Switzerland

Swiss military infrastructure. Konrad Alder. illus Armada Intl 4:28+ Jul-Aug '80

Turkey

The Turkish Air Force and its progress. Gen Tahsin Sahinkaya. illus NATO's Fifteen Nations Special Issue No. 2: 78-79 '79

United States

AFA policy paper: Force modernization and R&D. AF Mag 63:71-75 Nov '80

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 63:151-167 May '80

Air Force: Heading still higher. illus Defense/80, pp 11-13, Apr '80

Air Force: Off to the future. Hy Kaplan. illus Sergeants 18:26-31 Sep '80

Air Force plays special role in Winter Olympics. K. Thuermer. illus Sergeants 18:28 Feb '80

Air Force priorities. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Nov '80

Air Force programs: An overview. (Presentation, Baltimore, March 24, 1980) MajGen James E. McInerney, Jr. AF Plcy Ltr for Comdrs: Sup, pp 34-40, May '80

AIR FORCE - ContinuedUnited States - Cont'd

Air Force spoken here. (AF's Chief of Staff has a varied and complete background) LtCol Terry A. Arnold. illus Airman 24:26-31 May '80

Arnold G. Bueter retires as Acting Assistant Secretary of the Air Force (FM). illus AF Compt 14:2 Apr '80

The challenge of the '80s. (Presentation, Fall Planning Conference, Air Force Section, Reserve Officers Assoc, Louisville, KY, Oct 27, 1979) LtGen Abbott C. Greenleaf. AF Plcy Ltr for Comdrs:Sup No.1:26-34 Jan '80

A growing awareness. Gen Lew Allen, Jr. illus AF Mag 63:66-69 Nov '80

An inspector's view of safety. Col Gary R. Tompkins. illus Aerosp Safety 36:8-9 May '80

Leadership in today's Air Force. CMSAF James M. McCoy. illus AF Mag 63:64-65 May '80

The mood was optimistic. (AFA's Junior Officer, Senior Enlisted, and Enlisted Advisory Councils at the 1980 AFA Convention) Maj Thomas L. Sack. illus AF Mag 62:90-92 Nov '80

New AF Assistant Secretary (Joseph C. Zengerle). illus Air Reservist 32:4 Apr '80

People of the total force. (Presentation, Salute Night to Reserves and Retired Force, Las Vegas, NV, June 6, 1980) MajGen Jerome F.O'Malley. AF Plcy Ltr for Comdrs: Sup, pp 20-24, Jul '80

The premium on quality. Gen Lew Allen, Jr. illus AF Mag 63:82 Sep '80

Priorities and progress. Hans M. Mark. illus AF Mag 63:60-61 May '80

A progress report. (Address, AFA National Convention, Sep 1980) Hans Mark. illus AF Mag 63:58+ Nov '80

Reflections on a career. (Presentation, Andrews AFB, MD, Feb 29, 1980) Gen James A. Hill. AF Plcy Ltr for Comdrs: Sup, pp 29-31, May '80

A ride in every type. Interview. Charles W. Snodgrass. AF Times 41:8 Sep 15 '80

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 14:3 Oct '80

Two different worlds? The military historian and the U.S. Air Force. Dennis E. Showalter. illus AU Rev 31:29-37 May-Jun '80

USAF's goals in the 1980s. Interview. Gen Lew Allen, Jr. illus AF Mag 63:44-49 Aug '80

USAF's responsibilities in the '80s. Gen Lew Allen, Jr. illus AF Mag 63:62-64 May '80

The United States Air Force and NATO. Gen Lew Allen, Jr. illus NATO's Fifteen Nations Special Issue No.2:84+ '79

The vital element of the military equation. Hans Mark. illus AF Mag 63:81 Sep '80

Who can blame them for leaving? MSgt Wayne L. Fisk. illus AF Mag 63:97-99 Nov '80

AIR FORCE - ContinuedUnited States - Cont'dHistory

An Air Force general: Laurence Sherman Kuter. I.B.Holley, Jr. illus Aerosp Hist 27:88-90 Jun '80

Building the peacetime Air Force. Herman S. Wolk. illus AF Mag 63:142-145+ Sep '80

General Laurence S. Kuter, 1905-1979. MajGen Haywood S. Hansell, Jr. Ret. illus Aerosp Hist 27: 91-94 Jun '80

A people kind of place (U.S. Air Force Museum, Wright-Patterson AFB, OH) Robert K. Ruhl. illus Airman 24:20-27 Dec '80

Organization

(Photocharts of structure of the Office of the Secretary of the Air Force, the USAF Air Staff, the Deputy Chiefs of Staff, the major commands, the separate operating agencies, and the direct reporting agencies as of Aug 15, 1980) AF Mag 63: 85-92 Sep '80

Ridenour report revisited. Neil B. Christianson. illus AF J Log 4:16-19 Summer '80

Statistics

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 63:151-167 May '80

Air Force manpower overview. (Presentation, Subcommittee on Military Personnel, House Armed Services Committee, Washington, Feb 25, 1980) Joseph C. Zengerle. tabs AF Plcy Ltr for Comdrs: Sup, pp 11-22, May '80

Rated prioritization--setting the record straight. Col Henry Viccellio, Jr. Aerosp Safety 36:20-22 Jun '80

Shape of the force has varied little. tabs AF Times 40:2 Mar 3 '80

Warsaw Pact

How much is not enough? The non-nuclear air battle in NATO's Central Region. Maj Charles L. Fox and LtCol Dino A. Lorenzini. illus tab Nav War Col Rev 33:58-78 Mar-Apr '80

AIR FORCE, 5th

Pacific Air Forces. tab illus chart AF Mag 63:84-85 May '80

AIR FORCE, 8th

Strategic Air Command. illus charts AF Mag 63:86+ May '80

AIR FORCE, 9th

Tactical Air Command. illus charts AF Mag 63:94-96 May '80

AIR FORCE, 12th

Tactical Air Command. illus charts AF Mag 63:94-96 May '80

AIR FORCE, 13th

Pacific Air Forces. tab illus chart AF Mag 63:84-85 May '80

AIR FORCE, 15th

Strategic Air Command. illus charts AF Mag 63:86+ May '80

AIR FORCE, 21st

Military Airlift Command. tab illus charts AF Mag 63:80-82 May '80

AIR FORCE, 22d

Military Airlift Command. tab illus charts AF Mag 63:80-82 May '80

AIR FORCE ACADEMY

(AF) Academy: 1st coed class (in) 22d graduation. illus AF Times 40:26 Jun 9 '80

Air Force Academy. illus AF Mag 63:125 May '80

Commencement Address, U.S. Air Force Academy (May 28, 1980). Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-4, Aug '80

Distinguished Professionals in Residence--U.S. Air Force Academy. Capt Gerard J. Cendron, Jr. illus Aerosp Hist 27:201-202 Sep '80

The 'first ladies' of '80. Capt Dick Sheffield. illus Airman 24:2-7 Jun '80

Merhaba, Merzifon. (Colorado Air National Guard deployed units to Turkey after orientation in language and culture taught by Air Force Academy faculty members) Capt Katie Cutler. illus Airman 24:2-7 Mar '80

A part of the family. (USAF Academy Chorale visits Dallas and finds helpful hosts) illus Airman 24: 17-19 Jul '80

Putting the Air Force into the cadet environment. LtGen K.L. Tallman. TIG Brief 32:1-2 Jul 11 '80

They are the first. Maj Thomas L. Sack. illus tab AF Mag 63:154-155 Sep '80

AIR FORCE ACCOUNTING AND FINANCE CENTER

AFC eyes base OK of parent kin status. Don Mace. AF Times 41:39 Sep 22 '80

Air Force Accounting and Finance Center. illus AF Mag 63:102 May '80

Directorate of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:29 Oct '80

Notes from the Director of Accounting & Finance. BrigGen George C. Lynch. illus AF Compt 14:27 Jan '80

Notes from the Director of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:39 Apr '80

Notes from the Director of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:28 Jul '80

AIR FORCE AID SOCIETY

AFAS student loans reach \$5.6 million. AF Times 40:15 Jul 7 '80

Aid Society helps 33,000 this year. Don Mace. AF Times 41:11 Dec 22 '80

AIR FORCE AID SOCIETY - Continued

Lending by AFAS to reach \$6M. Don Mace. AF Times 40:28 Mar 3 '80

Somewhere to turn. MSgt David B. Drachlis. illus Airman 24:30-34 Mar '80

AIR FORCE AIRLIFT CENTER see Airlift CenterAIR FORCE ARMAMENT LABORATORY

USAF millimetre-wave seeker developments. Albert N. DiSalvio. illus Intl Def Rev 13, No. 1:42-46 '80

AIR FORCE ASSOCIATION

AFA Convention address. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Nov '80

AFA: Go slow on Soviet space treaty. Len Famiglietti. AF Times 41:41 Oct 6 '80

AFA's committees for 1980. illus AF Mag 63:94-96 Feb '80

AFA's 1980 Convention: An emphasis on people. Vic Powell. illus tabs AF Mag 63:100-105 Nov '80

AFA's 1980-81 Statement of Policy (adopted at Annual National Convention, Sep 15, 1980). AF Mag 63: 8-9 Nov '80

AFA's policy advisors and advisory councils for 1980. illus AF Mag 63:103-104 Jun '80

Awards at the 1980 Air Force Association National Convention. illus AF Mag 63:56-57 Nov '80

Changing strategies for a changing world. (Report on AFA's symposium, "New Defense Horizons: Changing Strategies for a Changing World," Los Angeles, Oct 25-26, 1979) Edgar Ulsamer. illus AF Mag 63: 66-73 Jan '80

Color them blue! (Air Guard and Reserves at AFA 34th National Convention, Washington, Sep 14-18, 1980) illus Air Reservist 33:16 Nov '80

A commitment to excellence. (AF's Outstanding Airmen for 1979) Capt Dick Sheffield. illus Airman 24:8-12 Jan '80

Doing double duty. (Many Air Force occupational courses are redistributed to civilian schools through the Aerospace Education Foundation) Capt Dick Sheffield. illus Airman 24:32-35 Apr '80

(Gen) Dougherty named top (AFA) staff officer. illus AF Times 41:17 Sep 29 '80

(Hans) Mark sounds call (at AFA Convention, 1980). AF Times 41:14 Sep 29 '80

Jim Straubel: The man who put AFA together and made it work. John F. Loosbrock. illus AF Mag 63: 39-40 Sep '80

Midcareer retention held biggest problem. (Report on AFA National Convention, Washington, Sep 14-18, 1980) Len Famiglietti. AF Times 41:14-15 Sep 29 '80

The mood was optimistic. (AFA's Junior Officer, Senior Enlisted, and Enlisted Advisory Councils at the 1980 AFA Convention) Maj Thomas L. Sack. illus AF Mag 62:90-92 Nov '80

AIR FORCE ASSOCIATION - Continued

New defense horizons: Changing strategies for a changing world. (Concluding report on AFA Symposium, Los Angeles, Oct 26, 1979) Edgar Ulsamer. illus AF Mag 63:60-65 Feb '80

A panoramic, probing look at U.S. defense needs. (Report on AFA's 34th National Convention, Washington, Sep 14-18, 1980) Edgar Ulsamer. illus AF Mag 63:50-55 Nov '80

Twelve for eighty. (Outstanding Airmen for 1980) Capt Katie Cutler. illus Airman 24:32-39 Dec '80

The 25th anniversary of the Outstanding Airmen program. William P. Schlitz. illus AF Mag 63:82-84 Nov '80

History

Revisiting the 1st AFA Convention (1947). Bruce Calander. illus AF Times 41:20 Oct 20 '80

AIR FORCE AUDIT AGENCY

Air Force Audit Agency. illus AF Mag 63:102+ May '80

Auditor General. AF Compt 14:32 Oct '80

Education OK, but needs aid. AF Times 40:46 Mar 10 '80

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:43 Jan '80

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:38 Apr '80

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:29 Jul '80

Sound management: The key to security. John A. Hewitt, Jr. TIG Brief 31:1-2 Dec 21 '79

AIR FORCE AVIONICS LABORATORY

The white desert. (Climatic conditions at Thule AB, Greenland, are inhospitable to humans but provide important conditions for testing satellite communications equipment) Allen L. Johnson. illus Airman 24:26-31 Apr '80

AIR FORCE COMMISSARY SERVICE

AFComs to begin complaint program. AF Times 40:2 Mar 31 '80

Air Force Commissary Service. illus AF Mag 63:105-106 May '80

AIR FORCE COMMUNICATIONS COMMAND

AFCC promoting realistic controlling. TSgt John Zeigler. AF Times 41:23 Dec 29 '80

AFCC to eliminate 200 slots, save \$\$\$. AF Times 41:16 Dec 8 '80

Air Force Communications Command. illus chart AF Mag 63:68-69 May '80

Comptroller activities at major commands: Air Force Communications Command. Col E. Rexford Bull, Jr. illus AF Compt 14:4-7 Apr '80

Joint approach adds realism to inspections (of Air Force Communications Command units that support five major commands). AF Times 41:35 Nov 17 '80

AIR FORCE COMMUNICATIONS SERVICE see Air Force Communications CommandAIR FORCE CONSERVATION FOUNDATION

Roots: Preserving our history. (Protection of Air Force historic properties) Joan Scott and Capt Stephen Hann. illus AF Engrg & Svcs Qtr 21:18-21 Nov '80

AIR FORCE ENGINEERING AND SERVICES AGENCY see Air Force Engineering and Services CenterAIR FORCE ENGINEERING AND SERVICES CENTER

AF Engineering and Services Center. illus AF Mag 63:106+ May '80

Air Force engineering in the 1980's. MajGen William D. Gilbert. illus charts Mil Engr 72:15-18 Jan-Feb '80

Alert to the task. LtCol Max W. Day. illus AF Engrg & Svcs Qtr 21:9-11 Aug '80

Challenges from the environment. LtCol Thomas E. Peot. illus AF Engrg & Svcs Qtr 21:2-5 Nov '80

Facility energy technology transfer. Ed E. Wilson and Capt Philip C. Holden. AF Engrg & Svcs Qtr 21:28-29 Nov '80

Project Touchdown: Lending a hand. Maj James I. Clark. illus AF Engrg & Svcs Qtr 21:10-12 May '80

Services into the 1980s. LtCol Roy G. Kennington. illus AF Engrg & Svcs Qtr 21:7-10 Feb '80

AIR FORCE FLIGHT TEST CENTER

MAs (Mobilization Augmentees) on the move. Col Merlin R. Adams and LtCol Bernard V. Parrette. illus Air Reservist 33:10-11 Nov '80

AIR FORCE INSPECTION AND SAFETY CENTER

Air Force Inspection and Safety Center. illus AF Mag 63:109-110 May '80

AIR FORCE INSTITUTE OF TECHNOLOGY

AFIT education: Cornerstone of Air Force technical excellence. (Presentation, 60th anniversary, Air Force Institute of Technology, Wright-Patterson AFB, OH, Nov 17, 1979) Gen Lew Allen, Jr. AF Ploy Ltr for Comdrs: Sup No. 1:2-6 Jan '80

A challenge for the logistics profession. (Address, Dayton Chapter, SOLE, Dec 6, 1979) MajGen G. E. Cooke. Log Spectrum 14:19-21 Summer '80

Military R&D: The worst shortage is of trained, skilled people. illus tabs Govt Exec 12:31+ May '80

Teaching Air Force engineering. Col Oren G. Strom. illus Mil Engr 72:232-235 Jul-Aug '80

Technological competence and the military commander. J. S. Przemieniecki. illus AU Rev 32:70-78 Nov-Dec '80

Teleteach: How to stretch the classroom coast to coast. illus Govt Exec 12:44+ Apr '80

The university of tomorrow (AFIT). Robert K. Ruhl. illus Airman 24:21-29 Nov '80

AIR FORCE INSTITUTE OF TECHNOLOGY - ContinuedCurricula

Cost analysis education. Capt Roland D. Kankey. illus AF Compt 14:14-15+ Jul '80

AIR FORCE INTELLIGENCE SERVICE

Air Force Intelligence Service. illus AF Mag 63:110+ May '80

AIR FORCE LEGAL SERVICES CENTER

Air Force Legal Services Center. illus AF Mag 63:113 May '80

AIR FORCE LOGISTICS COMMAND

See also
Air Logistics Centers

AFLC opposes consolidation plan. AF Times 41:32 Jul 28 '80

Air Force Logistics Command. illus chart AF Mag 63:70-71 May '80

Deficiencies in newly repaired or overhauled parts. TIG Brief 32:9 Aug 8 '80

The languishing link in combat readiness. Gen T.R. Milton, Ret. AF Mag 63:55 Apr '80

Logistics: We have work to do. (Presentation, Air Force Assoc Airpower Symposium, Chicago, March 1, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 23-28, May '80

Monitoring orthodox job enrichment. Frederick I. Herzberg and Margaret W. Miner. illus Def Mgt J 16:30-36 Second Quarter '80

Operation Listening Post. TIG Brief 32:14 May 30 '80

Ridenour report revisited. Neil B. Christianson. illus AF J Log 4:16-19 Summer '80

A touch of CL(a)SS (Combat Logistics Support Squadron). illus Air Reservist 32:6-7 May '80

The USAF Logistics Command and the energy crisis. Gen Bryce Poe II. illus Strat Rev 8:78-84 Spring '80

AIR FORCE MANPOWER AND PERSONNEL CENTER

Air Force Military Personnel Center. illus AF Mag 63:114 May '80

Notes from the Palace Dollar team: Observations after two months at MPC. Capt David T. Redmon. illus AF Compt 14:28 Jan '80

AIR FORCE MEDICAL SERVICE CENTER

Air Force Medical Service Center. illus AF Mag 63:117 May '80

AIR FORCE MILITARY PERSONNEL CENTER see Air Force Manpower and Personnel CenterAIR FORCE OFFICE OF SECURITY POLICE

Air Force Office of Security Police. illus AF Mag 63:117-118 May '80

AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS see Office of Special InvestigationsAIR FORCE SECURITY SERVICE see Electronic Security CommandAIR FORCE SERGEANTS ASSOCIATION

AFSA (Air Force Sergeants Assoc) 1980 Convention scrapbook (New Orleans, July 5-Aug 1). illus Sergeants 18:24-35 Oct '80

Annual report--1980. illus tabs Sergeants 18:17-48 Aug '80

AIR FORCE SERVICE INFORMATION AND NEWS CENTER

Air Force Service Information and News Center. illus AF Mag 63:121-122 May '80

AIR FORCE SPECIALTY CODE see Personnel Classification--Air Force--U.S.AIR FORCE SYSTEMS COMMAND

See also agencies by name, e.g.,
Aeronautical Systems Division
Electronic Systems Division

Air Force Systems Command. illus chart AF Mag 63:72-73 May '80

Computers in manufacturing: Meeting the productivity challenge. Gen Alton D. Slay. illus tabs AF Mag 63:54-55+ Jul '80

Contracting in Air Force Systems Command--finding a better way. Gen Alton D. Slay. Signal 34:7-9 Jul '80

The DOD businessman: Why MANTECH (MANufacturing TECHNOlogies) is as important as new weapons. illus Govt Exec 12:34+ Sep '80

"The difficulty arises when a particular technology matures two years after we need it." Interview. Gen Alton D. Slay. illus Armed Forces J Intl 117:40-42+ Jan '80

Gen Slay to retire Feb 1 (to be replaced by LtGen Robert T. Marsh). AF Times 41:2 Dec 15 '80

(Gen) Slay's initiatives: Alive, well and saving money. Deborah G. Meyer. illus Armed Forces J Intl 117:16+ Jul '80

How AFSC's "SMART" (Summary Management Assessment Review Trends) is making the generals "smarter." illus Govt Exec 12:56+ Mar '80

Ridenour report revisited. Neil B. Christianson. illus AF J Log 4:16-19 Summer '80

Something in the wood works. (AFSC's huge wooden TRESTLE, basis of the ElectroMagnetic Pulse (EMP) test facility) Sgt Craig Pugh. illus Airman 24:25-29 Jan '80

Standardization: A Systems Command perspective. Gen Alton D. Slay. illus Mil Elect/Countermeasures 6:90-93 Sep '80

AIR FORCE TECHNICAL TRAINING CENTERS

In the Lowry (AFB, CO) tradition. (Technical training changes to meet new needs) Capt Katie Cutler. illus Airman 24:31-33 Jan '80

Tailoring tech training (to meet AF needs). Capt Katie Cutler. illus Airman 24:30-31 Jan '80

AIR FORCE TEST AND EVALUATION CENTER

Air Force Test and Evaluation Center. illus AF Mag 63:122 May '80

AIR FORCE VILLAGE

A tribute to dignity. (Air Force Village) Maj Garry Mitchelmore. illus Airman 24:34-48 Jun '80

AIR FORCES IN EUROPE

Blue Four at the fore. (USAFE exercise trains junior officers to plan close air support missions) Capt Katie Cutler. illus Airman 24:20-23 Aug '80

Changing strategies for a changing world. (Report on AFA's symposium, "New Defense Horizons: Changing Strategies for a Changing World," Los Angeles, Oct 25-26, 1979) Edgar Ulsamer. illus AF Mag 63: 66-73 Jan '80

Fire counter fire: Bureaucratic tactics. William S. Lind. AU Rev 31:87-89; Responses. Capt James B. Smith and Maj Leonard L. Walls. 31:89-93 Jan-Feb '80

The Queen's own. (USAF's 32d TFS has special ties to the Netherlands) Capt Katie Cutler. illus Airman 24:44-48 Nov '80

USAFE 'Counterpush': The first year. TIG Brief 32:13 Jan 25 '80

USAFE is ready but ... (Testimony before Special Subcommittee on NATO Standardization, Interoperability and Readiness, House Armed Services Committee) Gen John W. Pauly. AF Times 40: 32-33 Feb 4 '80

The U.S. Air Force in Europe. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen John W. Pauly. AF Plcy Ltr for Comdrs: Sup No. 2:6-13 Feb '80

United States Air Forces in Europe. illus tab chart AF Mag 63:98-99 May '80

AIR FREIGHT see Air Cargo

AIR-GROUND TRAINING

Air-Ground Combat Center. illus MarCor Gaz 64: 25-27 Dec '80

DFWES (Direct Fire Weapons Effects Simulation)--a new helicopter anti-tank simulation system. illus Intl Def Rev 13, No. 2:257-258 '80

Hitting ground targets. Maj V. Dovgalyonok. illus Soviet Mil Rev No. 1:24-25 Jan '80

Marine air operations in northern Europe. Maj Robert J. O'Rourke. illus tab US Nav Inst Proc 106: 53-59 Nov '80

AIR LAW

Aviation accident law--the legal anatomy of a military air crash. Maj David E. Prewitt. USA Avn Dig 26: 32-34 May '80

Commuter aircraft and FAR (Federal Aviation Regulation) 24: New rules for a changing game. Marc Grangier and Eric Biass. illus Interavia 35:719-722 Aug '80

AIR LOGISTICS CENTERS

Air Force takes to sea. illus Def Trans J 36:27-29 Jun '80

AIR LOGISTICS CENTERS - Continued

(Air) Logistics Center (Kelly AFB, TX) wins OPM (Exemplary Practice in Federal Productivity) Award. AF Times 40:25 Jun 23 '80

It's a blast. (The Flight Test Branch of the San Antonio Air Logistics Center, Kelly AFB, TX, verifies airworthiness of repaired aircraft) David N. Stead. illus Airman 24:2-6 Feb '80

Labor-management relations at Tinker Air Force Base (OK): Fair and fundamental. MajGen Cecil E. Fox. illus Def Mgt J 16:52-55 First Quarter '80

Robins (AFB, GA) making an all-out effort to conserve energy. AF Times 41:36-37 Nov 17 '80

(Warner Robins Air Logistics Center) Interview. MajGen John R. Spalding, Jr. illus Mil Elect/Countermeasures 6:16+ Mar '80

AIR MAIL SERVICE see Postal Service

AIR MATERIEL AREAS see Air Logistics Centers

AIR MOBILITY

See also

Air Assault Concept
Air Cavalry
Close Air Support

Aerial antitank weapon system: A better can opener. Maj A. L. Mutzig. illus Mil Rev 60:60-66 Sep '80

Aerial displacement of tube artillery. 1stLt Terry G. Stewart. illus tabs Fld Arty J 48:22-27 Nov-Dec '80

Airmobility, a dynamic dimension to river crossing operations. LtCol Jimmy E. Griffiths. illus USA Avn Dig 26:8-12 Apr '80

Airmobility revisited. LtGen Harry W. O. Kinnard, Ret. illus USA Avn Dig pt 1, 26:1-5+ Jun '80; pt 2, 26:8-14 Jul '80

Basing the A-10 in Europe--strategic and mobility problems. Col Orin C. Patton and Maj Kenneth W. Engle. illus AU Rev 31:82-85 Mar-Apr '80

Confrontation in the Middle East. Gen Hamilton H. Howze, Ret. illus map Army 30:22-26 Aug '80

Military transport aviation in NATO's plans. Maj-Gen M. Belov. Soviet Mil Rev No. 10:39-40 Oct '80

Paid Ice Storm ... a personal briefing. BrigGen Billy M. Knowles. illus Air Reservist 32:16-17 Feb '80

RAMPART: Route to Airlift Mobility through Partnership. John F. Shea. illus tabs Def Trans J 36: 6-8+ Sep '80

AIR NATIONAL GUARD see National Guard--Air Force

AIR POLICE see Military Police

AIR POLLUTION see Pollution

AIR POWER see Aerospace Power

AIR RACES see Airplanes--Races

AIR RESERVE PERSONNEL CENTER

ARPC connection. Maj Jerry Stringer. illus Air Reservist 32:9 Sep-Oct '80

AIR ROUTES see Airways

AIR-SEA RESCUE see Search and Rescue

AIR-SPEED

Behind the power curve. Maj Pete Abler. illus TAC
Attack 20:4-6 May '80

AIR STRATEGY see Strategy, Air

AIR SURVEILLANCE see Surveillance

AIR TACTICS see Tactics, Air

AIR TAXI SERVICE see Airlines, Local Service;
Helicopters, Local Service

AIR TRAFFIC CONTROL

See also

Ground-Controlled Approach

ATC flow management: Fuel is the spur and data
links the key. Dan Boyle and Chris Bulloch. illus
tab map Interavia 35:327-331 Apr '80

16th Air Traffic Control Battalion. Maj James E.
Dooley III. illus USA Avn Dig 26:46-48 Oct '80

Attack helicopter support of the division. Capt Terry
R. Council. illus Air Def Mag, pp 16-18, Oct-
Dec '80

Britain's new air traffic control radar network.
Willem C. Stokhof and Peter Garside. illus map
Interavia 35:631-633 Jul '80

Check plane (C-12). Al Hinton. illus USA Avn Dig 26:
22-23 Aug '80

MSAW (Minimum Safe Altitude Warning)--pilot's
friend. SMSgt Marshall E. Holman. illus tab
Aerosp Safety 36:14-15 Sep '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Primary radar--a continuing role in ATC. illus tab
Interavia pt 1, 35:455-456 May '80; pt 2, Interavia
surface radar catalogue. 35:642-644 Jul '80

Visual search performance during simulated radar
observation with and without a sweepline. Richard
I. Thackray and R. Mark Touchstone. illus tabs
Aviation, Space & Envt Med 51:361-366 Apr '80

Handbooks, Manuals, etc

Inflight weather avoidance service. Maj G.E.
Schrumpf. illus Aerosp Safety 36:2-4 Apr '80

Study and Teaching

AFCC promoting realistic controlling. TSgt John
Zeigler. AF Times 41:23 Dec 29 '80

Integrated simulation. Russel M. Vorce and CPO
Frank N. Griffith. illus US Nav Inst Proc 106:109-
110 Nov '80

Terminology

Inflight weather avoidance service. Maj G.E.
Schrumpf. illus Aerosp Safety 36:2-4 Apr '80

AIR TRAFFIC CONTROLLERS

AFCC promoting realistic controlling. TSgt John
Zeigler. AF Times 41:23 Dec 29 '80

Guidance: Too much of a good thing. TIG Brief 32:14
Jul 11 '80

AIR TRAFFIC CONTROLLERS - Continued

Toward the development of a new aptitude selection
test battery for air traffic control specialists.
James O. Boone. tabs Aviation, Space & Envt
Med 51:694-699 Jul '80

AIR TRAINING COMMAND

Air Training Command. illus chart AF Mag 63:74-75
May '80

Training problems: Talking helps. TIG Brief 32:11
Jul 25 '80

History

3 millionth grad reviews BMT (Basic Military Train-
ing). AF Times 41:24 Sep 1 '80

AIR UNIVERSITY

See also

Air Force Institute of Technology
Air War College
Squadron Officer School

Air Training Command. illus chart AF Mag 63:74-75
May '80

Comptroller profile: Meet John Ward, Air Univer-
sity's "Father" of Data Automation. Capt Carl A.
McIntire III. AF Compt 14:19 Oct '80

Curricula

Notes from the Professional Military Comptroller
School (Air University, Maxwell AFB, AL): Exec-
utive Communication (Area VI). CDR Joseph H.
Langen. illus AF Compt 14:40-41 Apr '80

Notes from the Professional Military Comptroller
School (Air University, Maxwell AFB, AL): Fi-
nancial management at the executive level (area I).
LtCol Noel D. Gregg. illus AF Compt 14:30-31
Jan '80

Notes from the Professional Military Comptroller
School (Air University, Maxwell AFB, AL): In-
formation management. Maj Gerald W. Corwin.
illus AF Compt 14:30-31 Jul '80

Professional Military Comptroller School (Air Uni-
versity, Maxwell AFB, AL): Reflections and ex-
pectations. Col Walt Edmonds. illus AF Compt 14:
26-27 Oct '80

AIR WAR COLLEGE

Senior Air Force PME: It's within your reach. TIG
Brief 32:21 Nov 14 '80

AIR WARFARE

An active sensor for air combat. SqLdr B.G.E. Wak-
ling. illus Hawk No.40:21-26 Feb '80

Deep-strike interdiction. Charles E. Myers, Jr. illus
US Nav Inst Proc 106:47-52 Nov '80

Defense Department Director of Air Warfare (Dr
John R. Transue). illus Natl Def 65:7+ Dec '80

How much is not enough? The non-nuclear air battle
in NATO's Central Region. Maj Charles L. Fox
and LtCol Dino A. Lorenzini. illus tab Nav War
Col Rev 33:58-78 Mar-Apr '80

Study and Teaching

Fire counter fire: Bureaucratic tactics. William S.
Lind. AU Rev 31:87-89; Responses. Capt James
B. Smith and Maj Leonard L. Walls. 31:89-93
Jan-Feb '80

AIR WARFARE - ContinuedStudy and Teaching - Cont'd

Flying in the dirt. (MAC pilots are trained to avoid detection by the enemy during Red Flag training at Nellis AFB, NV) TSgt Alan Prochoroff. illus Airman 24:11-16 Nov '80

High rolling in Vegas (in Exercise Red Flag). Gerald H. Smith. illus Air Reservist 32:8-9 Dec '79-Jan '80

Red Flag: Realistic training for air combat. Maj J.P. Kelly. illus MarCor Gaz 64:84-86 May '80

AIR WEATHER SERVICE

Air Weather Service as a force intensifier. Maj Thomas L. Sack. illus tab AF Mag 63:110-115 Nov '80

The sun sentinals. (Air Weather Service's sun observatory in western Australia) SMSgt Dave Sheeder. illus Airman 24:44-48 Oct '80

AIRBORNE ALERT see Alert SystemsAIRBORNE EARLY WARNING

Airborne Early Warning--two major systems for Europe. Dan Boyle. illus tab Interavia 35:695-701 Aug '80

Weapon system series: Nimrod--Britain's counterpart to the E-3A AWACS. John Marriott. illus NATO's Fifteen Nations 24:86+ Dec '79-Jan '80

AIRBORNE FORCESSee also

Paratroops

The light armored corps--a strategic necessity. LtGen James F. Hollingsworth, Ret and MajGen Allan T. Wood, Ret. illus map tabs Armed Forces J Intl 117:20-22+ Jan '80

Canada

An exchange of wings over West Virginia. (Select members of the Canadian Airborne Regiment participate in Pierce Memorial Jump Fest, Camp Dawson, WV) Pamela A. Kane. illus Natl Guard 34:15-17 Nov '80

France

The French Airborne School. Maj Gayden E. Thompson. illus map Infantry 70:22-24 Jul-Aug '80

Russia

The dramatic impact of Soviet airborne ops. Milan Vego. Def & For Aff 8, No.9:31-32+ '80

Soviet airborne forces and preemptive power projection. Capt Kenneth Allard. illus tabs Parameters 10:42-51 Dec '80

Soviet paratroopers. (Interview with Col-Gen D.S. Sukhorukov) illus Soviet Mil Rev No.8:28-33 Aug '80

United States

The Airborne/Air Force team--spearhead for rapid deployment. William P. Schlitz. illus AF Mag 63:38-45 Feb '80

Airborne armor and cavalry. 2dLt Thomas D. Dinackus. illus chart Armor 89:9-12 Sep-Oct '80

AIRBORNE FORCES - ContinuedUnited States - Cont'd

Airborne in the 1980s. Capt Charles T. Knowles. illus Infantry 70:7-8 Sep-Oct '80

Some operational aspects of the UH-60A Black Hawk. Charles Gilson. illus Intl Def Rev 13, No.7:1067-1074 '80

AIRBORNE OPERATIONS

See also subdivision under specific wars, e.g., World War II--Airborne Operations

The dramatic impact of Soviet airborne ops. Milan Vego. Def & For Aff 8, No.9:31-32+ '80

Operations in the enemy rear--Soviet doctrine and tactics. C.N. Donnelly. illus Intl Def Rev 13, No.1:35-41 '80

A tactical airborne landing. Col Yu. Chernyshov. illus Soviet Mil Rev No.5:27-29 May '80

AIRBORNE WARNING AND CONTROL SYSTEM

Airborne Early Warning--two major systems for Europe. Dan Boyle. illus tab Interavia 35:695-701 Aug '80

(Boeing E-3A Sentry Airborne Warning and Control System) Jay Miller. illus AF Times 41:14 Nov 10 '80

C³/EW in Europe--can NATO get its electrons together? Deborah M. Kyle and Benjamin F. Schemmer. illus tab Armed Forces J Intl 118:24-25+ Sep '80

First AWACS update. John B. Beach. illus tab Def Elect 12:21-22+ Jul '80

4 E-3As in Europe (to monitor Soviet and Warsaw Pact military activities around Poland). AF Times 41:6 Dec 29 '80

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 63:126 Mar '80

Team in Saudi operating radar. AF Times 41:3 Oct 30 '80

The U.S. military updates its airborne communications, command and control systems. Hugh Lucas. illus Interavia 35:1099-1102 Dec '80

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No.6:887-890 '80

Weapon system series: Nimrod--Britain's counterpart to the E-3A AWACS. John Marriott. illus NATO's Fifteen Nations 24:86+ Dec '79-Jan '80

AIRBUS see Airplanes, Transport (Jet)AIRCRAFT see specific kinds of aircraft, e.g.,

Airplanes	Helicopters, Military
Airplanes, Military	Missiles
Helicopters	Rockets

AIRCRAFT, EXPERIMENTALSee also

Air Cushion Vehicles

The armchair aviator. Regular feature in issues of Air Force Times

AIRCRAFT, EXPERIMENTAL - ContinuedEurope, Western

Tornado nearing operational service. illus Interavia 35:424-425 May '80

NATO

Future European combat aircraft--where do we go from here? illus Intl Def Rev 13, No.5:656-657 '80

United States

B-70 fails to perform. Jay Miller. illus AF Times 41:20 Dec 29 '80

Brown directs C-X IOC (Initial Operational Capability) by Sep 1985. Benjamin F.Schemmer. Armed Forces J Intl 117:26+ Mar '80

DOD's C-X confusion. Armed Forces J Intl 118:14+ Sep '80

Douglas nearing DC--XX decision. illus tabs Interavia 35:1064-1065 Nov '80

F-18A development progress. illus Interavia 35:1069 Nov '80

House Armed Services Committee rapidly defeats C-X. Deborah M.Kyle. Armed Forces J Intl 117:12 May '80

Military airlift and the C-X. Gen Robert E.Huyser. AF Plcy Ltr for Comdrs: Sup, pp 15-16, Aug '80

Osprey one of a kind. Jay Miller. illus AF Times 40:42 Jun 9 '80

Senate C-X vote uncertain: The 101-question overkill? Deborah M.Kyle. Armed Forces J Intl 117:12 May '80

'Stealth' aircraft technology. Harold Brown and William J.Perry. AF Plcy Ltr for Comdrs: Sup, pp 9-11, Oct '80

Strike Eagle--the all-weather strike version of the F-15. illus Interavia 35:1068 Nov '80

(Trainer aircraft for the Navy) Jay Miller. illus AF Times 41:28 Oct 20 '80

USAF, asked why not an updated C-5A instead of new C-X, reaffirms C-X need. Benjamin F.Schemmer. Armed Forces J Intl 117:16-17+ Apr '80

USAF's CX group now sees plane roughly "half the size of a C-5A." Benjamin F.Schemmer. Armed Forces J Intl 117:18+ Feb '80

U.S. has been flying virtually invisible aircraft for over two years. ("Stealth" program) Benjamin F. Schemmer. Armed Forces J Intl 118:30-31 Sep '80

(VTXTS, Navy Trainer Experimental Training System) Jay Miller. illus AF Times 41:26 Nov 17 '80

Why the U.S. needs the C-X. (Presentation, East Coast Section, Society of Experimental Test Pilots, Washington Navy Yard, March 18, 1980) LtGen Kelly H.Burke. AF Plcy Ltr for Comdrs: Sup, pp 23-27, Jun '80

The "X" Wing and the circulation control rotor. LtCol William D.Siuru, Jr. illus US Nav Inst Proc 106: 115-116 Jul '80

(XV-15) takes off straight up, then flies horizontally. Jay Miller. illus AF Times 40:23 Mar 10 '80

AIRCRAFT, EXPERIMENTAL - ContinuedUnited States - Cont'dHistory

An early orbital 'shuttle' (Dyna-Soar). Jay Miller. illus AF Times 40:29 Feb 4 '80

X-1 piloted by Yeager 1st through 'barrier.' Jay Miller. illus AF Times 40:24 Apr 7 '80

AIRCRAFT CARRIERSSee also

Automatic Carrier Landing System

Air defense of the carrier task group. CAPT John E. Lacouture, Ret. illus US Nav Inst Proc 106:60-67 Jul '80

An alternative to rotating radars for aircraft carriers. ADM Gerald E.Miller, Ret and Roy J. Biondi. illus tabs US Nav Inst Proc 106:98-101 Jan '80

The case for a "Can-Am" carrier. A.K.Maconochie. illus US Nav Inst Proc 106:109-111 Jan '80

Escalation control. CDR Robert C.Powers. illus tabs US Nav Inst Proc 106:52-56 Jan '80

HMS Invincible accepted into the Royal Navy. Col Norman L.Dodd. illus Asian Def J No.3:130-131 May-Jun '80

The Indian Navy gets its Sea Harrier. Pushpinder Singh. illus Asian Def J No.2:39+ Mar-Apr '80

Naval Aviation flies into the future. ADM James L. Holloway III. illus tab Sea Power 23:17-20 Jul '80

Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80

Thinking about the future of the Navy. ADM Stansfield Turner, Ret. illus US Nav Inst Proc 106:66-69 Aug '80

The U.S. Navy: Naval aircraft. Norman Polmar. tab illus US Nav Inst Proc pt 1, 106:121-123 Sep '80; pt 2, 106:119-121 Nov '80; pt 3, 106:113-114 Dec '80

Safety Measures

Improved helicopter firefighting: The view from the deck. LT Carl Burch. illus US Nav Inst Proc 106: 98-99 Jun '80

AIRCRAFT CARRIERS, NUCLEAR POWERED

Blue water at last: Missions of and NATO responses to the new Soviet aircraft carrier. CDR Miles A. Libbey III. illus Nav War Col Rev 33:44-52 Nov-Dec '80

A giant ship (USS Carl Vinson), a giant man (Carl Vinson). James D.Hessman. illus tab Sea Power 23:54 Apr '80

AIRCRAFT CONTROLLERS see Air Traffic ControllersAIRCRAFT INDUSTRY AND TRADESee also

Aerospace Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade

Aerospace world. Regular feature in issues of Air Force Magazine

AIRCRAFT INDUSTRY AND TRADE - Continued

Airliner manufacture--Looking into the future. tabs
Interavia 35:1149-1150 Dec '80

The battle for the new 120-140 seater market. Paul
Maurice. illus tab Interavia 35:1061-1064 Nov '80

Farnborough International '80: Aerospace waiting for
decisions. illus Interavia 35:756-758 Sep '80

Farnborough International 1980 prospects. illus Ar-
mada Intl 4:136+ Jul-Aug '80

Farnborough International 1980 shatters all records.
Robert Salvy and Felix Müller. illus Armada Intl
4:20-22+ Sep-Oct '80

Industrial periscope: A business, technological &
scientific news bulletin. Regular feature in some
issues of NATO's Fifteen Nations

Jane's aerospace review, 1979/80. John W.R. Taylor
illus AF Mag 63:32-39 Jan '80

New products and technology. Regular feature in
some issues of Interavia

The next new wave of airliners. Bill Sweetman. illus
Aerosp Intl 16:22-25 Nov-Dec '80

The tin trees of Farnborough '80. John W.R. Taylor.
illus AF Mag 63:42-45 Nov '80

The world of aerospace. Regular feature in issues of
Interavia

Economic Aspects

Company reports review. Regular feature in some
issues of Interavia

Trends in new-generation turboprop engines. Marc
Grangier. illus Interavia 35:422-423 May '80

The \$2.5 million fighter. (Lightweight Fighter Group)
Jay Miller. illus AF Times 41:30 Oct 13 '80

Exhibitions

The British Aviation Equipment Exhibition, Shanghai,
26 March-5 April, 1980. illus Interavia 35:556-557
Jun '80

ILA '80--Hanover (International Aerospace Show),
bigger than ever. Robert Heck. illus Armada Intl
4:62+ Jan-Feb '80

International Aspects

Airbus Industrie's heavenly twins: A310 and A300-
600. Mark Lambert. illus tabs Interavia 35:1001-
1006 Nov '80

Airliner manufacture--Looking into the future. tabs
Interavia 35:1149-1150 Dec '80

The cost of collaboration. Alistair J. Bell. Hawk No.
40:47-53 Feb '80

European consortia: Evolving cooperation at work.
F. Clifton Berry, Jr. illus tab AF Mag 63:62-66
Aug '80

Europe's combat aircraft: Will it happen? Mark Lam-
bert. illus tabs Interavia 35:702-704 Aug '80

Farnborough 1980. illus tab Armed Forces J Intl 118:
34+ Sep '80

AIRCRAFT INDUSTRY AND TRADE - ContinuedInternational Aspects - Cont'd

Future European combat aircraft--where do we go
from here? illus Intl Def Rev 13, No.5:656-657 '80

The R.A.A.F.'s new fighter--F-16 or F/A18.
P. Lewis Young. illus tabs Asian Def J No.6:56-
57+ Nov-Dec '80

The Tornado provisioning and supply system. Rudiger
Sanitz. illus tab NATO's Fifteen Nations 25:93-95
Oct-Nov '80

France

Dassault is well prepared for future cooperation.
illus Aerosp Intl 16:40-41+ May-Jun '80

Dassault Mystere-Falcon 50. illus Aerosp Intl 16:
22-24+ Sep-Oct '80

With the Fouga 90 Aerospatiale aims at the booming
trainer market. Yves Robins. illus Aerosp Intl
15:42+ Oct-Nov '79

History

Gnome et Rhône--an aviation engine firm in the first
World War. James M. Laux. illus tabs Aerosp Hist
27:17-26 Mar '80

Germany (Federal Republic)

Bonn uneasy about cost of Airbus program. (Interview
with Martin Grüner) illus Interavia 35:309-310
Apr '80

Dornier stays among the leaders. illus Interavia 35:
318-320 Apr '80

Tornado conversion courses underway at MBB (Mes-
serschmitt-Bölkow-Blohm). Interavia 35:751-752
Sep '80

Great Britain

Britain's aerospace in the military market. Bill
Sweetman. illus NATO's Fifteen Nations 25:69-70+
Aug-Sep '80

Britain's aerospace industry. illus tabs Interavia 35:
767-782 Sep '80

The British aerospace industry at Farnborough. Yves
Robins. illus Aerosp Intl 16:4-6+ Sep-Oct '80

The British scene: Under new management. tabs
Interavia 35:767-768 Sep '80

Caledonian Airmotive: New CF6 engine overhaul fa-
cility at Prestwick. Derek Wood. illus Interavia
35:362 Apr '80

Greece

Greece's aero industry takes off: The Hellenic Aero-
space Industry's official opening. Yves Robins.
illus Aerosp Intl 16:31+ Mar-Apr '80

International Aspects

Lockheed looks forward in the civil market. J. Philip
Geddes. illus (Also cutaway) tabs Interavia 35:
523-526 Jun '80

Tornado nearing operational service. illus Interavia
35:424-425 May '80

AIRCRAFT INDUSTRY AND TRADE - ContinuedIsrael

They make aircraft too: IAI (Israel Aircraft Industries), Israel's technology base. Felix Müller. illus Armada Intl 4:18+ Jan-Feb '80

Japan

An interesting international partner: The Japanese aerospace industry. Yves Robins. illus Aerosp Intl 16:10-11+ Mar-Apr '80

The Mitsubishi Diamond I--what are its chances on the current market? Marc Grangier. illus tab Interavia 35:129-130 Feb '80

Netherlands

The battle for the new 120-140 seater market. Paul Maurice. illus tab Interavia 35:1061-1064 Nov '80

Fokker's Maritime patrol aircraft wins orders in S.E. Asia. Brian Walters. illus Asian Def J No.5:99+ Sep-Oct '80

Sweden

The Swedish aerospace industry: More and more commercial. illus Aerosp Intl 16:4+ Mar-Apr '80

The Swedish aerospace industry seeks new projects--new multi-role military aircraft planned for the nineties. illus map tab Interavia 35:159-164 Feb '80

Switzerland

PC-7: Flight training with Swiss precision. illus Asian Def J No.2:50+ Mar-Apr '80

United States

Big-fan engines--a new U.S. generation. Bill Sweetman. illus tabs Interavia 35:411-414 May '80

Boeing rides high. Klaus Regelin. illus tabs Interavia 35:675-677 Aug '80

Douglas nearing DC-XX decision. illus tabs Interavia 35:1064-1065 Nov '80

FAA & industry: First to be forced apart? David Hoffman. Govt Exec 12:26-27 Jun '80

FX fighter firms square off. John Burton. illus Def & For Aff 8:44-46 Sep '80

Fortunes of DOD's two aircraft engine giants about to be reversed. Benjamin F. Schemmer. tab Armed Forces J Intl 117:18+ May '80

Lockheed looks forward in the civil market. J. Philip Geddes. illus (Also cutaway) tabs Interavia 35:523-526 Jun '80

The new American export fighters. Charles Gilson and Mark Lambert. illus tabs Interavia 35:1165-1168 Dec '80

199 more planes accepted last year than in 1978. Len Famiglietti. AF Times 41:31 Sep 15 '80

Our shrinking industrial base. (Presentation, Military Order of the Carabao Luncheon, Army and Navy Club, Washington, April 22, 1980) Gen Alton D. Slay. AF Ploy Ltr for Comdrs: Sup, pp 2-6, Jul '80

AIRCRAFT INDUSTRY AND TRADE - ContinuedUnited States - Cont'd

Pentagon wants action on CX. AF Times 41:34 Nov 10 '80

Plastic airplanes are coming your way. Maj Roger L. Jacks. illus Aerosp Safety 36:6-7 Dec '80

Research programs in general aviation--next generation aircraft. Marc Grangier. illus tab Interavia 35:123-128 Feb '80

Return of the American SST. Walter B. Hendrickson, Jr. illus tab Natl Def 65:32-33 Dec '80

767--Boeing's next world-beater. Klaus Regelin. illus tabs Interavia 35:678-686 Aug '80

(Trainer aircraft for the Navy) Jay Miller. illus AF Times 41:28 Oct 20 '80

U.S. aerospace moves emphasis to the civil sector. Michael Morgan. Def & For Aff 8, No.1:37 '80

The U.S. returns to Farnborough in strength. F. Clifton Berry, Jr. illus AF Mag 63:46-49 Nov '80

History

Aeromarine Airways, Inc. Albert A. LeShane, Jr. tab illus Am Avn Hist Soc J 25:162-180 Fall '80

Giuseppe Bellanca and the search for "pure streamline." William M. Leary, Jr. illus Aerosp Hist 27:187-191 Sep '80

The Keystone Patrician. Edward Peck. illus Am Avn Hist Soc J 25:112-118 Summer '80

A panorama--from General Dynamics. Pictorial. Aerosp Hist 27:180-185 Sep '80

AIRCRAFT MAINTENANCESee also

Missile Maintenance

also subdivision Maintenance and Repair under specific subjects, e.g.,
Jet Engines--Maintenance and Repair

Aircraft battle damage repair: A force multiplier. LtCol Richard S. Greene. tabs AF J Log 4:2-6 Summer '80

The art of helicopter maintenance. R. James Woolsey. illus Armed Forces J Intl 117:25 Jun '80

An assessment of the benefits due to reliability centered maintenance on the C-141. Nozer D. Singpurwalla and Capt Carlos M. Talbott, Jr. tabs AF J Log 4:11-15 Winter '80

Bubble gum, bailing wire, and ASIP (Aircraft Structural Integrity Program), or ... how we keep your aircraft from falling apart. Maj Paul L. Tiley. illus tabs Aerosp Safety 36:22-23 Feb '80

The 6th Cavalry Brigade (Air Combat) plays its ACE (Armament, Communication and Electronic maintenance). Maj Stephen J. Snow. illus tab USA Avn Dig 26:12-15 Aug '80

Chock talk--incidents and incidentals with a maintenance slant. Regular feature in issues of TAC Attack

AIRCRAFT MAINTENANCE - Continued

- "Do-it-yourself" logistics engineering in Strategic Air Command. Col James K. Streett. AF J Log 4:18-19 Spring '80
- A form (AFTO 781A) in your future. Maj Dion W. Johnson. illus Aerosp Safety 36:10-11 Sep '80
- Formulating improved figures of merit in aircraft acquisition. Charles Stiles. illus tabs Def Mgt J 16:56-60 First Quarter '80
- Heliflight Systems Inc.--total helicopter support. Marc Grangier. illus Interavia 35:542-543 Jun '80
- 'Hot Stuff' combat turns. TIG Brief 32:5-6 Aug 8 '80
- It's a blast. (The Flight Test Branch of the San Antonio Air Logistics Center, Kelly AFB, TX, verifies airworthiness of repaired aircraft) David N. Stead. illus Airman 24:2-6 Feb '80
- The languishing link in combat readiness. Gen T. R. Milton. Ret. AF Mag 63:55 Apr '80
- Little things mean a lot. LtCol Eugene La Mothe. illus Aerosp Safety 36:4-5 Nov '80
- NDI (NonDestructive Inspection): A mystic science to Air Force maintenance managers? TIG Brief 31:4 Dec 21 '79
- The nit-pickers. (Charleston AFB, SC's aircraft maintenance inspectors thoroughly check the C-141s assigned to MAC's 437th Military Airlift Wing) Sgt Craig Pugh. illus Airman 24:38-43 Apr '80
- Noncompliance with procedures. TIG Brief 32:16 May 2 '80
- Of old heads and retreads. Capt Howard Harding. illus Combat Crew 30:8-10 Sep '80
- Quality maintenance requires quality writeups. TIG Brief 32:7 Jan 25 '80
- Speak to me. Capt Gary V. Earl. illus TAC Attack 20:22-23 Jan '80
- The T-44A and contract maintenance. CDR Curtis J. Winters. illus tab US Nav Inst Proc 106:107-109 Jan '80
- Tankers live longer. (The value of the in-flight Acoustic Crack Detection System (ACDS) for C/KC-135 aircraft) Budd Parrish. illus tabs Aerosp Safety 36:8-11 Apr '80
- Technical data and maintenance discipline. TIG Brief 31:18 Dec 21 '79
- The well-maintained airliner. illus Aerosp Intl 16:24+ Jul-Aug '80
- Who's minding the bird? Capt Michael Wetherell. illus Aerosp Safety 36:26 Jun '80
- You and the 781. Maj David G. Miller. illus Combat Crew 30:4-5+ Feb '80

Study and Teaching

- That's why. (Cockpit switches) MSgt John Mann. illus TAC Attack 20:24-25 Jan '80

AIRCRAFT MECHANICS see Ground CrewsAIRCRAFT STRUCTURAL INTEGRITY PROGRAM

- Bubble gum, bailing wire, and ASIP (Aircraft Structural Integrity Program), or ... how we keep your aircraft from falling apart. Maj Paul L. Tiley. illus tabs Aerosp Safety 36:22-23 Feb '80

AIRDROP

- ALCENT (AirLift CENTER): The MAC testing house. Maj William D. Harman. illus Airlift Ops Rev 2: 21-26 Jul-Sep '80
- AWADS + SKE = on target. illus Air Reservist 32:11 Jun '80
- Charting for the 80's. (Topographic/electromagnetic charting) LtCol James D. Muma. illus Airlift Ops Rev 2:5-7 Apr-Jun '80
- Rapid deployment force gets test (in Exercise Dragon Team). Lee Ewing. AF Times 41:14 Jul 28 '80
- Wind circle airdrops--a different approach. Maj Jay A. Weiss. illus tab Navigator 27:8-9 Spring '80

AIRLIFTSee also

Berlin Airlift
Mercy Missions

- ATC Hump flights: Risky super effort. Jay Miller. illus AF Times 41:27 Aug 25 '80
- Airlift heritage: Operation Homecoming. Charles W. Dickens. illus Airlift Ops Rev 2:23-29 Jan-Mar '80
- Airlift improvements: CX and other initiatives. LtCol William C. Bartels. illus tabs MarCor Gaz 64:60-64 Aug '80
- (Airlift issues) (Interview with Col Robert B. Patterson) Maj Edward F. Wittel. illus Airlift Ops Rev 2:2-8 Jul-Sep '80
- Airlift utilization. TIG Brief 32:6 May 16 '80
- At the Arctic Circle. Dan Donohue. illus Air Reservist 32:12-13 Jul '80
- Automated command and control in MAC. Capt Susan K. Hinderleider. illus Airlift Ops Rev 2:19-23 Oct-Dec '80
- Base support for the Prime Nuclear AirLift (PNAF) mission. TIG Brief 32:6 Feb 8 '80
- Blue/gold aircrew operations. LtCol Walter M. Patterson III. illus tabs Airlift Ops Rev 2:15-21 Jan-Mar '80
- Bold Eagle '80. SMSgt Gerald H. Smith. illus tab Air Reservist 32:16-17 Dec '79-Jan '80
- CRAF--the other half. LtCol William L. Arent. illus tabs Airlift Ops Rev 2:8-13 Apr-Jun '80; Translog 11:5-9 Sep '80
- Charting for the 80's. (Topographic/electromagnetic charting) LtCol James D. Muma. illus Airlift Ops Rev 2:5-7 Apr-Jun '80
- The Civil Reserve Air Fleet--national airlift asset. F. Clifton Berry, Jr. illus tab AF Mag 63:54-59 Feb '80
- Close Look II. Capt James P. Coe. illus MAC Flyer 27:20-23 Jun '80

AIRLIFT - Continued

- Cooperation means mission accomplishment. illus
Def Trans J 36:4-7+ Feb '80
- The deterrent effect of strategic aircraft. LtCol Ronald K. Sable. illus Def Trans J 36:42-44+ Sep '80
- The dramatic impact of Soviet airborne ops. Milan Vego. Def & For Aff 8, No.9:31-32+ '80
- Estimating aircraft utilization rates. Robert L. Stowell. Log Spectrum 14:16-19 Spring '80
- The forklifts of August. Capt Bruce P. Schoch. illus Army 30:42-43+ May '80
- LOGAIR Mark 2: An alternative logistics airlift system. Maj Nicholas Van Valkenburgh. maps tabs AF J Log 4:25-29 Spring '80
- Military airlift and the C-X. Gen Robert E. Huyser. AF Plcy Ltr for Comdrs: Sup, pp 15-16, Aug '80
- Mobility forces. (Extracted from Air Force Report to 96th Congress) illus Airlift Ops Rev 2:9-10 Jul-Sep '80
- Navajo SOS. SMSgt Gus Vinas. illus Air Reservist 32:19+ May '80
- New defense horizons: Changing strategies for a changing world. (Concluding report on AFA Symposium, Los Angeles, Oct 26, 1979) Edgar Ulsamer. illus AF Mag 63:60-65 Feb '80
- New feathers for MAC birds. Capt John P. Pugh. illus Airlift Ops Rev 2:11-14 Jan-Mar '80
- Pax, trash and Mother MAC. Capt Carl Gidlund. illus Air Reservist 32:18-19 Dec '79-Jan '80
- Peacetime training vs wartime role. MajGen Charles F. G. Kuyk, Jr. Ret. illus tab Airlift Ops Rev 2: 11-12 Jul-Sep '80
- RAMPART: Route to Airlift Mobility through Partnership. John F. Shea. illus tabs Def Trans J 36: 6-8+ Sep '80
- The rapid deployment force--a future muscle for America. Hy Kaplan. illus Sergeants 18:18-20 Mar '80
- Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. tabs AF Plcy Ltr for Comdrs: Sup No.3:2-35 Mar '80
- Riding high! (Military Airlift Command's Volant Rodeo) illus Natl Guard 34:26-29 Nov '80
- (Significant changes in airlift) Interview. Gen Jack J. Catton, Ret. illus Airlift Ops Rev 2:2-4 Apr-Jun '80
- South for the winter. Capt James P. Coe. illus MAC Flyer 27:8-11 Mar '80
- Soviet airborne forces and preemptive power projection. Capt Kenneth Allard. illus tabs Parameters 10:42-51 Dec '80
- The Soviet competition--IL-76 "Candid." illus MAC Flyer 27:16-17 Jan '80
- Soviet military airlift: Key to rapid power projection. William Schneider, Jr. illus tab AF Mag 63:80-86 Mar '80

AIRLIFT - Continued

- Two scorpions in a cup: America and the Soviet airlift to Laos. Capt Earl H. Tilford, Jr. illus maps Aerosp Hist 27:151-162 Sep '80
- USSR's airlift about 1/4 of U.S.--but most distances are shorter. Armed Forces J Intl 117:17+ Apr '80
- Views of Vice CINCMAC. Interview. LtGen Thomas M. Ryan, Jr. illus Airlift Ops Rev 2:2-10 Jan-Mar '80
- Volant Rodeo '80 (MAC's tactical airlift competition). illus Air Reservist 32:10-11 Sep-Oct '80
- Why the U.S. needs the C-X. (Presentation, East Coast Section, Society of Experimental Test Pilots, Washington Navy Yard, March 18, 1980) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 23-27, Jun '80
- Zaire airlift. LtCol James L. Cole, Jr. illus map Airlift Ops Rev 2:14-18 Oct-Dec '80

History

- Airlift heritage: Evolution of airlift. (Address, Airlift Operations School, Jan 24, 1980) Gen Jack J. Catton, Ret. illus Airlift Ops Rev 2:23-29 Apr-Jun '80
- Genesis of flying safety. (Gen William H. Tunner) Maj James G. Gibson II. illus MAC Flyer 27:14-15 Jun '80

AIRLIFT CENTER

- ALCENT (AirLift CENTER): The MAC testing house. Maj William D. Harman. illus Airlift Ops Rev 2: 21-26 Jul-Sep '80

AIRLIFT OPERATIONS SCHOOL

- Professional airlift management education. (Airlift Operations School, Scott AFB, IL) TIG Brief 32:13 Sep 12 '80

AIRLIFT UNITS

- (Airlift issues) (Interview with Col Robert B. Patterson) Maj Edward F. Wittel. illus Airlift Ops Rev 2:2-8 Jul-Sep '80
- Alaskans take the heat. illus Natl Guard 34:36-37 Jul '80
- Close Look II. LtCol William D. Forsythe. illus Airlift Ops Rev 2:13-20 Jul-Sep '80
- (443d Military Airlift Wing and military airlift training) Interview. BrigGen Maurice C. Padden. illus Airlift Ops Rev 2:1-8 Oct-Dec '80
- The nit-pickers. (Charleston AFB, SC's aircraft maintenance inspectors thoroughly check the C-141s assigned to MAC's 437th Military Airlift Wing) Sgt Craig Pugh. illus Airman 24:38-43 Apr '80
- 150 new crews OK'd for airlift training. Lee Ewing. illus AF Times 41:16 Aug 4 '80
- Pax, trash and Mother MAC. Capt Carl Gidlund. illus Air Reservist 32:18-19 Dec '79-Jan '80
- Riding high! (Military Airlift Command's Volant Rodeo) illus Natl Guard 34:26-29 Nov '80

AIRLIFT UNITS - Continued

Spirit of the 76th (Military Airlift Sq). 1stLt Raymond R. Miller III and Capt Darryl Pichford. illus MAC Flyer 27:20-21 Oct '80

Volant Rodeo '80 (MAC's tactical airlift competition). illus Air Reservist 32:10-11 Sep-Oct '80

AIRLINESSee also

Aviation, Commercial

The well-maintained airliner. illus Aerosp Intl 16:24+ Jul-Aug '80

Directories

Interavia's review of world airlines--the top performers. illus tabs Interavia 35:1021-1036 Nov '80

Fares

Continental and Braniff join ranks offering discounts. Don Hirst. AF Times 41:7 Nov 10 '80

Discount air fares. TIG Brief 32:6 May 16 '80

5 bases to cut air travel costs. AF Times 40:15 Apr 7 '80

Four air carriers to serve DOD (and other Federal agencies reduced-cost air transportation for official travel). AF Times 40:3 Jun 16 '80

Going on leave? Try a 50% air discount. Len Famiglietti. AF Times 41:4 Dec 1 '80

Nine airlines are cutting fares for official travel. AF Times 41:27 Dec 29 '80

Plan would mean lower air fares. Len Famiglietti. AF Times 40:3 Feb 25 '80

Nonscheduled Operations

Air Europe flies the British holidaymakers. Paul Maurice. illus Interavia 35:949-950 Oct '80

Passenger Service

Airline catering. Manfred Momberger. illus Aerosp Intl 16:49-51 May-Jun '80

Bases now can buy teleticket machines. Len Famiglietti. AF Times 41:23 Sep 29 '80

Improved communications speed airline reservations. Paul Maurice. illus Interavia 35:1103-1104 Dec '80

Passengers handling equipment. Manfred Momberger. illus Aerosp Intl 15:14+ Oct-Nov '79

Travel centers get AF okay. AF Times 40:8 Jan 14 '80

Two different styles in European commuter airlines. Marc Grangier. illus Interavia 35:815-817 Sep '80

Statistics

Interavia's review of world airlines--the top performers. illus tabs Interavia 35:1021-1036 Nov '80

1979: A year of marked growth for the world of air transport. illus tabs Interavia 35:171 Feb '80

AIRLINES - ContinuedAlaskaHistory

Lockheed Vegas in southeastern Alaska. James A. Ruotsala. illus tabs Am Avn Hist Soc J 25:2-9 Spring '80

Australia

How to get more out of your 747: Pan Am and Qantas take different routes. Paul Maurice. illus Interavia 35:931-935 Oct '80

Europe, Western

Two different styles in European commuter airlines. Marc Grangier. illus Interavia 35:815-817 Sep '80

Germany (Federal Republic)

The latest 737 enters service. illus Interavia 35:958-959 Oct '80

Great Britain

Britain's regional and domestic airline system in 1980. Paul Maurice. illus Interavia 35:431-433 May '80

The latest 737 enters service. illus Interavia 35:958-959 Oct '80

Iceland

Iceland's air transport network. Doug Birch. illus Interavia 35:634-635 Jul '80

Italy

Alitalia chairman looks at the 80s. Umberto Nordio. illus Interavia 35:356-357 Apr '80

Norway

Braathens SAFE--a constant struggle to survive. Marc Grangier. illus map Interavia 35:1153-1154 Dec '80

RussiaSee AeroflotSwitzerland

Swissair aims at quality and continued profitability. illus tabs Interavia 35:354-355 Apr '80

Swissair stresses environment benefits of DC-9 Super 80. Mark Lambert. illus Interavia 35:1105-1106 Dec '80

United States

Airline computer systems. Manfred Momberger. illus Aerosp Intl 16:42-43+ Mar-Apr '80

Airlines' slump--pilots, navs returning. John Ginovsky. AF Times 41:1+ Nov 17 '80

Civilian pilot openings at lowest ebb since '75. AF Times 40:7 Jun 16 '80

FAA & industry: First to be forced apart? David Hoffman. Govt Exec 12:26-27 Jun '80

How to get more out of your 747: Pan Am and Qantas take different routes. Paul Maurice. illus Interavia 35:931-935 Oct '80

AIRLINES - ContinuedUnited States - Cont'd

Lockheed looks forward in the civil market. J. Philip Geddes. illus (Also cutaway) tabs Interavia 35: 523-526 Jun '80

New perspectives on aviation: Is the sky still the limit? (Louis H. Bauer Lecture) John H. Winant.

Nine airlines are cutting fares for official travel. AF Times 41:27 Dec 29 '80

Outlook for air transportation. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jan 21 '80

Pilot hiring by airlines tapers off. M.L. Craver. AF Times 40:14 Mar 3 '80

History

Aeromarine Airways, Inc. Albert A. LeShane, Jr. tab illus Am Avn Hist Soc J 25:162-180 Fall '80

AIRLINES, LOCAL SERVICE

Britain's regional and domestic airline system in 1980. Paul Maurice. illus Interavia 35:431-433 May '80

Commuter aircraft and FAR (Federal Aviation Regulation) 24: New rules for a changing game. Marc Grangier and Eric Biass. illus Interavia 35:719-722 Aug '80

The energy-effective airliners: Commuter aircraft. illus Aerosp Intl 16:4-64 Jul-Aug '80

Two different styles in European commuter airlines. Marc Grangier. illus Interavia 35:815-817 Sep '80

AIRMAN PERFORMANCE REPORTS

New set of rating forms for airmen: Little change. illus AF Times 40:17 Mar 31 '80

AIRMEN

Airmen of the Year. illus AF Times 40:6 Jun 30 '80

'Best' EM to get quick promotion. Pat Dalton. AF Times 41:14 Sep 29 '80

A commitment to excellence. (AF's Outstanding Airmen for 1979) Capt Dick Sheffield. illus Airman 24:8-12 Jan '80

EM in critical skills due \$600 Ready Reserve bonus. AF Times 41:26 Dec 22 '80

For FY '81, AF needs 83,000 officers, EM. AF Times 41:3 Nov 3 '80

Male, female clothing rises in value for FY '81. tabs AF Times 41:4 Nov 10 '80

Re-up OK so far, outlook not bright. AF Times 40:4 Jun 9 '80

STEP (Strips for Exceptional Performers) draws fire, but so did WAPS. Bruce Callander. illus AF Times 41:20+ Oct 13 '80

To serve my fellow men in blue. (Interviews with CMSAFs) K. Thuermer. illus Sergeants 18:14-18 Feb '80

Twelve for eighty. (Outstanding Airmen for 1980) Capt Katie Cutler. illus Airman 24:32-39 Dec '80

The 25th anniversary of the Outstanding Airmen program. William P. Schlitz. illus AF Mag 63:82-84 Nov '80

AIRMEN - Continued

Unit commanders to make BTZ (Below-The-Zone) E-4 hikes. Pat Dalton. AF Times 41:14 Dec 29 '80

Volunteer pool empty for special EM jobs. Len Famiglietti. AF Times 41:10 Oct 20 '80

AIRMEN'S CLUBS see Servicemen's Clubs

AIRPLANE HIJACKING

Upper Heyford NCO's Spanish calms hijackers. AF Times 41:22 Nov 24 '80

AIRPLANE TYPE

Only U.S. military airplanes are entered under type. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A-4

Bargain basement fighters (retrofits). John Beach. illus Def Elect 12:59-60+ Jun '80

Skyhawks for the RMAF. Enrico delle Capre. illus Asian Def J No.3:65-66+ May-Jun '80

A-6

Advances in target acquisition and missile guidance. John S. Phillip. illus Asian Def J No.3:56+ May-Jun '80

A-7

A-7 experiment moving toward F/O validation. illus Mil Elect/Countermeasures 6:32-33 Aug '80

History

A-7 best in Vietnam. Jay Miller. illus AF Times 40:34 Apr 14 '80

A-10

The A-10--monstrosity with a mission. LtCol Jim Beavers, Ret. illus AF Mag 63:66-70 Feb '80

Above all else ... a tank killer. SMSgt Gerald H. Smith. illus Air Reservist 32:12-14 Dec '79-Jan '80

Aircraft for export: Cutting off the U.S. nose? David Harvey. illus Def & For Aff 8, No.4:45-46 '80

Basing the A-10 in Europe--strategic and mobility problems. Col Orin C. Patton and Maj Kenneth W. Engle. illus AU Rev 31:82-85 Mar-Apr '80

Blue Four at the fore. (USAFE exercise trains junior officers to plan close air support missions) Capt Katie Cutler. illus Airman 24:20-23 Aug '80

A boot full of rudder. Capt Jimmy Carter. illus TAC Attack 20:4-6 Jul '80; Aerosp Safety 36:10-12 Aug '80

Dangerous midnight--delay, confusion on road to a night tank killer. David Harvey. illus Def & For Aff 8:12-15+ Nov '80

Lethal against armor: The Joint Air Attack Team. William P. Schlitz. illus AF Mag 63:44-50+ Sep '80

Night/Adverse Weather A-10 at the cross-roads. Ramon Lopez. illus map Interavia 35:707-709 Aug '80

Off line ... on line ... first for Reserve. Mike Singer. Air Reservist 32:23-24 Aug '80

AIRPLANE TYPE - ContinuedA-10 - Cont'd

"The Warthog." Ron Sherman and others. illus tabs NATO's Fifteen Nations 25:69-70+ Jun-Jul '80

AV-8

Barges, ramps, and V/STOL. Laurie Rackas and John C. Scharfen. illus tab MarCor Gaz 64:20-21 Sep '80

British RAF order for AV-8Bs likely as 336 USMC buy clouds A-18 equation. illus tab Armed Forces J Intl 117:24 Jul '80

HMS Invincible accepted into the Royal Navy. Col Norman L. Dodd. illus Asian Def J No. 3:130-131 May-Jun '80

The Harrier Ski-Jump gets off the ground. Henry Stanhope. illus Mil Engr 72:34-36 Jan-Feb '80

Harrier: The Cherry Point connection. David Harvey. illus Def & For Aff 8, No. 9:17-20+ '80

Navy F-18, USMC AV-8B at issue again in strong split within OSD staff, OMB. illus Armed Forces J Intl 117:41-42 Aug '80

Sen Gary Hart is high on Harrier. (From address, National War College, June 30, 1980) MarCor Gaz 64:10 Aug '80

UK puts off AV-8B and Harrier Mk 5 choice. Interavia 35:749-750 Sep '80

UK puts off Av-8B/Mk 5 Harrier choice. Intl Def Rev 13, No. 7:983 '80

Testing

Sea Harrier status report. Paul Maurice. illus Intl Def Rev 13, No. 6:865-866 '80

B-1

Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80

B-17History

Seventeen bits and pieces: Boeing's B-17 Fs and Gs assigned to the 8th U.S. Army Air Force, August 1942-May 1945. Paul M. Andrews. illus tabs Am Avn Hist Soc J pt 1, 1st Air Division. 24:202-213 Fall '79; pt 2, 3d Air Division. 24:303-312 Winter '79

B-26

The civil B-26 Marauder. Roger F. Besecker. illus Am Avn Hist Soc J 25:228-233 Fall '80

B-29

Shootout at Palembang: The "Hellbirds" mine the Moesi River. RADM K. L. Veth, Ret. illus Am Avn Hist Soc J 25:72-74 Spring '80

History

The last mission of the Eddie Allen. Col Eino E. Jenstrom, Ret. illus AF Mag 63:94-98 Aug '80

B-52

Andersen (AFB, Guam) B-52s due down under. AF Times 40:37 Mar 10 '80

AIRPLANE TYPE - ContinuedB-52 - Cont'd

Busy Prairie. (SAC's Strategic Projection Force supports the Rapid Deployment Joint Task Force) LtCol George L. Newton III. illus Combat Crew 30: 4-7+ Dec '80

Find the beacon. Capt James R. Prideaux. illus Combat Crew 30:12-14 Dec '80

Force projection: The conventional side of SAC's strategic mission. Gen R. H. Ellis. TIG Brief 32: 1-2 Aug 8 '80

New day for an old warrior. (B-52D modifications which increase payload and improve maneuverability) MSgt David B. Drachlis. illus Airman 24: 15-19 Jan '80

Strategic air power. Gen Richard H. Ellis. illus RUSI J for Def Studies 125:3-8 Mar '80

Those magnificent men, those old flying machines-- are B-52 crews the kamikazes of tomorrow? Jay Finegan. AF Times, Times Magazine sup:6-9+ Oct 6 '80

Update on the Digital Bomb Nav System (DBNS) for the B-52D. Capt Richard S. Roszak. illus Combat Crew 30:18-19 Jul '80

History

From power flight '57 to global flight '80--the second time around. Maj William H. Thurston. illus Combat Crew 30:8-9+ Jun '80

B-57

High flight to Pakistan. Dallas R. Blevins. illus Navigator 27:27-30 Summer '80

B-58History

To acquire strategic bombers--the case of the B-58 Hustler. R. Cargill Hall. illus AU Rev 31:2-20 Sep-Oct '80

B-70

See XB-70

Bird Dog

See O-1

C-5

The C-5: Extending it into the 21st century. Paul Seidenman. illus Natl Def 65:34-37+ Dec '80

(443d Military Airlift Wing and military airlift training) Interview. BrigGen Maurice C. Padden. illus Airlift Ops Rev 2:1-8 Oct-Dec '80

Mobility forces. (Extracted from Air Force Report to 96th Congress) illus Airlift Ops Rev 2:9-10 Jul-Sep '80

(Significant changes in airlift) Interview. Gen Jack J. Catton, Ret. illus Airlift Ops Rev 2:2-4 Apr-Jun '80

USAF, asked why not an updated C-5A instead of new C-X, reaffirms C-X need. Benjamin F. Schemmer. Armed Forces J Intl 117:16-17+ Apr '80

USAF's CX group now sees plane roughly "half the size of a C-5A." Benjamin F. Schemmer. Armed Forces J Intl 117:18+ Feb '80

AIRPLANE TYPE - ContinuedC-5 - Cont'd

Why the U.S. needs the C-X. (Presentation, East Coast Section, Society of Experimental Test Pilots, Washington Navy Yard, March 18, 1980) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 23-27, Jun '80

C-12

Check plane (C-12). Al Hinton. illus USA Avn Dig 26: 22-23 Aug '80

Mini-transport in air debut at Beaufort (MCAS, SC). illus MarCor Gaz 64:2 Jan '80

C-46History

C-46 during WW II carried big loads. Jay Miller. illus AF Times 40:38 Mar 17 '80

C-47

(Air Transport Command and the C-47 in World War II) Jay Miller. illus AF Times 41:36 Sep 29 '80

C-118

425--an example of Liftmaster longevity. Nicholas M. Williams. illus Am Avn Hist Soc J 25:199-202 Fall '80

C-121History

Lockheed C-121A Constellations in USAF and civilian service. Robert C. Mikesh. illus tabs Am Avn Hist Soc J 25:10-18 Spring '80

C-123

Patches: The hole story. MSgt Lawrence H. Lentz and LtCol Arthur Sorenson. illus Air Reservist 32: 14-15 Sep-Oct '80

C-130

(Air) Reserve forces prepare 'flying fire trucks' for duty out west. illus Officer 56:15 Nov '80

Alaskans take the heat. illus Natl Guard 34:36-37 Jul '80

At the Arctic Circle. Dan Donohue. illus Air Reservist 32:12-13 Jul '80

Close Look II. Capt James P. Coe. illus MAC Flyer 27:20-23 Jun '80

Close Look II. LtCol William D. Forsythe. illus Air-lift Ops Rev 2:13-20 Jul-Sep '80

Flying in the dirt. (MAC pilots are trained to avoid detection by the enemy during Red Flag training at Nellis AFB, NV) TSgt Alan Prochoroff. illus Airman 24:11-16 Nov '80

Movin' in the model 'A.' TSgt Ed Martins. illus Air Reservist 32:6-8 Sep-Oct '80

New feathers for MAC birds. Capt John P. Pugh. illus Air-lift Ops Rev 2:11-14 Jan-Mar '80

AIRPLANE TYPE - ContinuedC-130 - Cont'd

Peacetime training vs wartime role. MajGen Charles F.G. Kuyk, Jr, Ret. illus tab Airlift Ops Rev 2: 11-12 Jul-Sep '80

(Significant changes in airlift) Interview. Gen Jack J. Catton, Ret. illus Airlift Ops Rev 2:2-4 Apr-Jun '80

C-135

(Jet engines, jet aircraft, and in-flight refueling) Jay Miller. illus AF Times pt 1, 41:23 Sep 8 '80; pt 2, 41:28 Sep 15 '80

C-141

C-141 crash kills 13 in 'Bright Star.' AF Times 41:4 Nov 24 '80

C-141 flight control malfunction team: A new Approach to an old problem. TIG Brief 32:22 Dec 12 '80

Close Look II. Capt James P. Coe. illus MAC Flyer 27:20-23 Jun '80

Close Look II. LtCol William D. Forsythe. illus Air-lift Ops Rev 2:13-20 Jul-Sep '80

Golden Bear. Julius Alexander. illus MAC Flyer 27: 4-5 Aug '80

A heavy war story. Maj Bruce L. Gumble. illus MAC Flyer 27:18-19 Jun '80

How to plan a crash landing. Capt James P. Coe. illus MAC Flyer 27:8-10 Feb '80

An interim solution (C-141B). Jay Miller. illus AF Times 40:24 May 26 '80

Mobility forces. (Extracted from Air Force Report to 96th Congress) illus Airlift Ops Rev 2:9-10 Jul-Sep '80

New feathers for MAC birds. Capt John P. Pugh. illus Airlift Ops Rev 2:11-14 Jan-Mar '80

The nit-pickers. (Charleston AFB, SC's aircraft maintenance inspectors thoroughly check the C-141s assigned to MAC's 437th Military Airlift Wing) Sgt Craig Pugh. illus Airman 24:38-43 Apr '80

South for the winter. Capt James P. Coe. illus MAC Flyer 27:8-11 Mar '80

Stretching it! William G. Holder. illus Airman 24: 39-41 Jun '80

Maintenance and Repair

An assessment of the benefits due to reliability centered maintenance on the C-141. Nozer D. Singpurwalla and Capt Carlos M. Talbott, Jr. tabs AF J Log 4:11-15 Winter '80

Canberra

See B-57; EB-57

Commando

See C-46

Constellation

See C-121

AIRPLANE TYPE - ContinuedCorsair IISee A-7E-3

(Boeing E-3A Sentry Airborne Warning and Control System) Jay Miller. illus AF Times 41:14 Nov 10 '80

Boeing offers 707/ECX for TACAMO (Take Charge And Move Out) role. illus tab map Intl Def Rev 13, No.5:688-689 '80

Electronics takes to the offensive. Edgar Ulsamer. illus AF Mag 63:41-50 Jul '80

4 E-3As in Europe (to monitor Soviet and Warsaw Pact military activities around Poland). AF Times 41:6 Dec 29 '80

GAO raps DOD on NATO (E-3A) deal. Len Famiglietti. AF Times 41:26 Aug 18 '80

Nile beckons E-3A crews. illus AF Times 40:4 Jan 21 '80

E-4

Impressive is word for Boeing's 747. Jay Miller. illus AF Times 40:16 Mar 3 '80

SAC due 1st E-4B. AF Times 40:20 Jan 14 '80

EB-57History

The EB-57: Like most antiques its value increases with age. Capt James R. Grant. illus Navigator 27: 12-13 Summer '80

EC-121

The first episode: "Connies to Phantoms" (in the AF Reserve). illus Air Reservist 32:9 Jun '80

EC-130

Boeing offers 707/ECX for TACAMO (Take Charge And Move Out) role. illus tab map Intl Def Rev 13, No.5:688-689 '80

Ocean control: The renaissance in submarine communications. R.J. Starkey, Jr. illus map Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80

EagleSee F-15F-4

F-4 Air Reserve forces conversion program. TIG Brief 32:11 Dec 12 '80

F-4 emergency situation training. Maj Pete Abler. illus TAC Attack 20:26-27 Aug '80

F-4 rollers: Wheels, tires, brakes. LtCol Horst Gaede. illus Aerosp Safety 36:23-24 May '80

The first episode: "Connies to Phantoms" (in the AF Reserve). illus Air Reservist 32:9 Jun '80

Latent dive toss system errors. Capt Ralph S. Reinhart II. illus USAF Ftr Wpns Rev, pp 14-17, Winter '79

One F-4 in 11 found flawed. AF Times 41:26 Oct 6 '80

AIRPLANE TYPE - ContinuedF-4 - Cont'd

They walked away: F-4 emergency evacuation procedures. Capt Skip Bremer. illus Aerosp Safety 36: 2-3 Oct '80

Maintenance and Repair

Surge! (Fast, capable maintenance of aircraft is important during flying sorties at Osan Air Base, ROK) SrAmn Mark Curry. illus Airman 24:44-48 May '80

F-5

The new American export fighters. Charles Gilson and Mark Lambert. illus tabs Interavia 35:1165-1168 Dec '80

F-12See YF-12F-15

Development, test, and evaluation of an advanced anti-G valve for the F-15. R.R. Burton and others. illus tabs Aviation, Space & Envmt Med 51:504-509 May '80

Dr SAM (School of Aerospace Medicine)--from the laboratory to the aircraft. illus TAC Attack 20: 23-25 Nov '80

F-15: Overload Warning System. Capt Richard Banholzer. illus tabs USAF Ftr Wpns Rev, pp 15-17+, Fall '80

Falcons, Eagle pilots to fly longer in '81. AF Times 41:3 Dec 8 '80

Flying the F-15 Eagle. George W. Hawks, Jr. illus Aerosp Hist 27:2-8 Mar '80

For Eagle drivers only--but other types should read it, too. Capt Paul Q.G. Woodford. (Reprinted from Airscoop, August 1980) illus Aerosp Safety 36: 14-15 Nov '80

High-resolution mapping in forward mode for new F-15B Strike Eagle. illus Def Elect 12:28-29 Nov '80

More flying hours asked--jet engines available. Interview. BrigGen Richard D. Murray. AF Times 40:7 May 12 '80

No lock AIM9 ranging. Maj Rich Hardy. illus tabs USAF Ftr Wpns Rev, pp 7-8, Spring '80

Opportunistic base and depot maintenance policies for F100 engines in F-15 aircraft. John L. Madden and Virginia L. Williamson. tabs AF J Log 4:18-22 Winter '80

Strike Eagle--the all-weather strike version of the F-15. illus Interavia 35:1068 Nov '80

Maintenance and Repair

Eglin (AFB, FL) 'detective' spots F-15 defect. Sgt Millie Roberts. AF Times 40:33 Apr 14 '80

Testing

Strike Eagle proposed for air-to-ground missions. Charles Gilson. illus Intl Def Rev 13, No.8:1188-1189 '80

AIRPLANE TYPE - ContinuedF-16

- Are you ready for the F-16? TIG Brief 31:17
Dec 21 '79
- Coming on strong in the F-16. Capt Michael B. Perini. illus tab AF Mag 63:40-43 Aug '80
- F-16 flying jobs: Tour criteria cut. AF Times 41:13
Aug 18 '80
- The F-16: Not like any other. Capt Wayne C. Edwards. illus AF Mag 63:34-39 Aug '80
- Falcons, Eagle pilots to fly longer in '81. AF Times 41:3 Dec 8 '80
- Flying in the electric jet--a navigator's perspective. Capt Michael K. Pomphrey. illus Navigator 27:
20-22 Summer '80
- The hang-up in force modernization: Not enough procurement dollars. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:30-31+ Aug '80
- Hill Air Force Base (UT): "First in the F-16." Maj Donald W. Staffon. illus TAC Attack 20:26-28
Jun '80
- More flying hours asked--jet engines available. Interview. BrigGen Richard D. Murray. AF Times 40:7
May 12 '80
- The new American export fighters. Charles Gilson and Mark Lambert. illus tabs Interavia 35:1165-1168 Dec '80
- "Pease Tower, Zoom flight is number 1." (First deployment of fully configured F-16s to Europe) LtCols Tuck McAtee and Loren E. Timm. illus USAF Ftr Wpns Rev, pp 2-13, Summer '80
- The R.A.A.F.'s new fighter--F-16 or F/A18. P. Lewis Young. illus tabs Asian Def J No.6:56-57+ Nov-Dec '80
- Six countries now flying F-16s as Norway, Denmark, Israel get first planes. illus tab Armed Forces J Intl 117:32-33 Mar '80

Testing

- "Pease Tower, Zoom flight is number 1." (First deployment of fully configured F-16s to Europe) LtCols Tuck McAtee and Loren E. Timm. illus USAF Ftr Wpns Rev, pp 2-13, Summer '80

F-18

- Brown slows F-18 by 40% in FY '82-'83. Armed Forces J Intl 118:17+ Sep '80
- A clean bill of health for the F-18? Vincent C. Thomas, Jr. illus Sea Power 23:53-54+ Sep '80
- DOD staff optimistic on F-18 fixes. Benjamin F. Schemmer. illus Armed Forces J Intl 118:18
Nov '80
- Employment of the two-seat TF/A-18 airplane. LtCol William D. Bauer. Nav War Col Rev 33:103-107
Mar-Apr '80
- F-18 Hornet, and the grain of truth syndrome. David Harvey. illus Def & For Aff 8, No.7:36-37 '80
- F-18 tactics trainer on schedule ... if: Canadians in cost quandry over WTT. illus Mil Elect/Countermeasures 6:55-56 Nov '80

AIRPLANE TYPE - ContinuedF-18 - Cont'd

- F-18A development progress. illus Interavia 35:1069
Nov '80
- F/A-18 Hornet: A status report. Charles Gilson. illus tab Interavia 35:139-146 Feb '80
- F/A-18 Hornet--one aircraft, one man, multiple missions. Charles Gilson. illus Intl Def Rev 13,
No.2:211-218 '80
- The F/A-18 Hornet program. Interview. LtGen William J. White. illus MarCor Gaz 64:26-30 Oct '80
- F/A-18 program shapes up despite GAO criticism. illus Armada Intl 4:20+ Mar-Apr '80
- Multiple role radar designed for F/A-18. Robert E. White. illus Def Elect 12:44-47 Jan '80
- Navy F-18, USMC AV-8B at issue again in strong split within OSD staff, OMB. illus Armed Forces J Intl 117:41-42 Aug '80
- Navy tells SecDef budget crunch will require slowing F-18 buys by 40-50%. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 117:19-21+ Jul '80
- New cost increases endanger F-18 program. L. Edgar Prina. illus Sea Power 23:22-24 May '80
- Ordinance for F/A-18 Hornet. CW4 John P. Clelland, Jr. illus tabs MarCor Gaz 64:16-18 Oct '80
- The R.A.A.F.'s new fighter--F-16 or F/A18. P. Lewis Young. illus tabs Asian Def J No.6:56-57+ Nov-Dec '80
- Why the country cannot afford OSD: A case in point--the F-18 was not worth buying in the first place. George A. Spangenberg. illus Armed Forces J Intl 117:17-18 Aug '80

F-51History

- The Sabre Tooth Cheetahs of Osan. Francis J. Amody. illus Am Avn Hist Soc J 25:42-44 Spring '80

F-80

- Fox Able One--the first transatlantic jet deployment (July 1948). Col Frank W. Klibbe, Ret. illus map AF Mag 63:72-80 Oct '80

F-86History

- The Sabre Tooth Cheetahs of Osan. Francis J. Amody. illus Am Avn Hist Soc J 25:42-44 Spring '80

F-89History

- The Scorpion: A pictorial report. Jay Miller. illus AU Rev 31:34-45 Jul-Aug '80

F-100

- Farewell to the F-100's. Allan R. Scholin. illus Natl Guard 34:14-17+ Jan-Feb '80
- An inspector's view of safety. Col Gary R. Tompkins. illus Aerosp Safety 36:8-9 May '80

AIRPLANE TYPE - ContinuedF-105

'God, I'm not ready ... yet.' (Capt Christopher C. Soto receives the Cheney Award for rescuing his pilot from a burning F-105) SMSgt Dave Sheeder. illus Airman 24:15-20 Apr '80

Requiem for a heavyweight. Blake C. Morrison. illus USAF Ftr Wpns Rev, pp 36-37, Summer '80; Aerosp Safety 36:14-15 Oct '80

F-111

New roles for TAC's F-111. Capt Kenneth C. Stoehrmann. illus tab AF Mag 63:46-51 Feb '80

FB-111

FB-111 emergency bombing. Capt Bradley L. Moffett. illus Navigator 27:24-26 Winter '80

The FB-111 goes conventional. Maj Lawrence Chalmer. illus Combat Crew 30:20-21+ Nov '80

Training the best: The 380th BMW and the 4007th CCTS prepare FB-111A crews to fly and fight. illus Combat Crew 30:4-7+ Aug '80

Freedom Fighter

See F-5

Galaxy

See C-5

Hercules

See C-130

Hornet

See F-18

Huron

See C-12

Hustler

See B-58

Intruder

See A-6

Invader

See B-26

KC-10

(Air Force Reserve) associate unit to fly KC-10s. illus Officer 56:16 Jun '80

The KC-10 Extender. Maj Wayne Brunz. illus Combat Crew 30:12-13 Aug '80

KC-10 rollout. Mike Singer. illus Air Reservist 32: 12-14 Jun '80

McDonnell Douglas KC-10A Extender. illus tab Interavia 35:710-711 Aug '80

Reserves training crews for SAC KC-10s. AF Times 41:15 Nov 24 '80

SAC KC-10s will draw on AFRes. AF Times 40:4 Apr 28 '80

Seeking the protection of the commercial warranty. Ronald R. Chalecki. illus Def Mgt J 16:36-39 Third Quarter '80

AIRPLANE TYPE - ContinuedKC-97History

The nav heritage--the KC-97L. LtCol Thomas P. Beal. illus Navigator 27:15-19 Winter '80

KC-135

(Jet engines, jet aircraft, and in-flight refueling) Jay Miller. illus AF Times pt 1, 41:23 Sep 8 '80; pt 2, 41:28 Sep 15 '80

Tankers live longer. (The value of the in-flight Acoustic Crack Detection System (ACDS) for C/KC-135 aircraft) Budd Parrish. illus tabs Aerosp Safety 36:8-11 Apr '80

Maintenance and Repair

Air Force life: Getting it done. (Two specialists at Wurtsmith AFB, MI, save money by performing difficult repair job on a KC-135) illus Airman 24: 13-14 Aug '80

Liftmaster

See C-118

Mohawk

See OV-1

Mustang

See F-51

Neptune

See P-2

OA-37

Still leading the way. (Wisconsin ANG uses OA-37 jets for forward air control) Sgt Craig Pugh. illus Airman 24:2-6 Aug '80

OV-1

"Touch of gold"--MIDAS (Military Intelligence Detachment (Aerial Surveillance)) Alaska. Sgt1C Don Carr and SP5 Greg Thomas. illus USA Avn Dig 26: 42-44 Apr '80

OV-10

New River (Marine Observation Sq 1) gets new OV-10D Bronco. MarCor Gaz 64:4 May '80

The OV-10 as a helicopter killer. Maj F.G. Wickersham III. tab MarCor Gaz 64:26+ May '80

Orion

See P-3

P-2

Nuclear Neptunes: Early days of Composite Squadrons 5 & 6. Chuck Hansen. illus Am Avn Hist Soc J 24:262-268 Winter '79

History

Navy Neptune in '46 set distance record. Jay Miller. illus AF Times 40:24 Mar 31 '80

P2V

See P-2

AIRPLANE TYPE - ContinuedP-3

ASW programs move ahead with first Seahawk flight--
Orion also passes major milestone. James D.
Hessman. illus Sea Power 23:13 Jan '80

P-51History

The North American Aviation P-51H Mustang. David
R. McLaren. illus (Also cutaway) Am Avn Hist
Soc J pt 1, 25:124-139 Summer '80; pt 2, 25:203-
227 Fall '80

Phantom II

See F-4; RF-4

RA-5

Vigilante fadeout. LCDR Peter B. Mersky. illus US
Nav Inst Proc 106:63-69 Jun '80

RF-4

The high rollers from Reno. (Nevada ANG 152d Tac-
tical Reconnaissance Group) Capt Dick Sheffield.
illus Airman 24:44-48 Sep '80

RF-4C radar predictions. Maj Richard F. Masse.
illus tab Navigator 27:12-14 Winter '80

Red Flag '80: A recce view. SSgt Frank Bean. illus
Air Reservist 32:16-17 Sep-Oct '80

Study and Teaching

Shaw (AFB, SC) turns out German RF-4 pilots. AF
Times 40:35 Apr 21 '80

S-3

Harpooning the Viking. LCDR Philip D. Voss. illus
US Nav Inst Proc 106:63-67 Feb '80

The right aircraft at the wrong time? E. E. Mouton.
illus US Nav Inst Proc 106:106:109 Sep '80

SR-71

Sixteen years of Mach 3 flight. illus Interavia 35:
636-637 Jul '80

Sabre

See F-86

Scorpion

See F-89

Shooting Star

See F-80

Skyhawk

See A-4; TA-4

Skytrain

See C-47

Starlifter

See C-141

Stratofortress

See B-52

Stratofreighter

See KC-97

AIRPLANE TYPE - ContinuedStratolifter

See C-135

Stratotanker

See KC-135

Super Sabre

See F-100

Superfortress

See B-29

T-37

It (T-37) really does use monkeys and mirrors. Capt
Jim Davis. illus Aerosp Safety 36:12-15 May '80

T-38

Development of the centralized aircraft support sys-
tem. Capt Mark W. Haram. illus tab AF J Log 4:
20-21 Spring '80

Study and Teaching

Student pilots get a LIFT (Lead-In Fighter Training)
at Holloman (AFB, NM). illus AF Times 41:32
Oct 6 '80

T-44

The T-44A and contract maintenance. CDR Curtis J.
Winters. illus tab US Nav Inst Proc 106:107-109
Jan '80

TA-4

Skyhawks for the RMAF. Enrico delle Capre. illus
Asian Def J No. 3:65-66+ May-Jun '80

TFX

See F-111

Talon

See T-38

Thunderbolt II

See A-10

Thunderchief

See F-105

V-1

See OV-1

V-10

See OV-10

V SX

See S-3

Valkyrie

See XB-70

Vigilante

See RA-5

Viking

See S-3

Warning Star

See C-121

XB-70

B-70 fails to perform. Jay Miller. illus AF Times
41:20 Dec 29 '80

AIRPLANE TYPE - ContinuedXV-15

Tilt rotors--the aircraft of the future? illus Sea Power 23:23 Jul '80

YF-12

Sixteen years of Mach 3 flight. illus Interavia 35: 636-637 Jul '80

YF-16

See also F-16

AIRPLANES

See also

Aircraft, Experimental

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

Cockpits

Airbus A310: Cockpit layout and crew complement debated. illus tabs Interavia 35:227-230 Mar '80

Control

See Flight Control Systems

Design

Alternative aviation fuels. Maj E.J.Ritchie. illus MarCor Gaz 64:67-70 Sep '80

History

Giuseppe Bellanca and the search for "pure streamline." William M. Leary, Jr. illus Aerosp Hist 27: 187-191 Sep '80

Electrical Systems

Aircraft ground power. A. Gunn. illus Aerosp Intl 16: 48-51 Nov-Dec '80

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Coffin corner plus windshear equals upset. illus Aerosp Safety 36:18-19 Oct '80

The good Samaritans. illus Aerosp Safety 36:20-22 Apr '80

Engines

See also

Gas Turbines (Aircraft)
Jet Engines

Fuel efficient turboprops. illus tab Aerosp Intl 15: 48-50+ Oct-Nov '79

The return of the turboprop engine. Sergio Coniglio. illus Aerosp Intl 16:55-56+ Nov-Dec '80

Fuel Tanks

The ultimate fuel crisis. illus MAC Flyer 27:7 May '80

AIRPLANES - ContinuedFuels

Alternative aviation fuels. Maj E.J.Ritchie. illus MarCor Gaz 64:67-70 Sep '80

Inspection

See also

Preflight Inspections

Instruments

See Aeronautical Instruments

International Incidents

See also

Airplane Hijacking

Landing and Takeoff

See also

Automatic Landing Systems

Catapults

Ground-Controlled Approach

Hydroplaning

Microwave Landing Systems

Art and science of the approach. Capt Neil Williams. illus tab MAC Flyer 27:4-6 May '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Launching

See Catapults

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Aircraft Industry and Trade

Materials

Plastic airplanes are coming your way. Maj Roger L. Jacks. illus Aerosp Safety 36:6-7 Dec '80

Modifications

The DC-8 re-engining program. Jackson McGowen. illus tabs Interavia 35:419-421 May '80

Piloting

Fault-surviving flight control avionics. Louis J. Franchi. illus Mil Elect/Countermeasures 5:40+ Dec '79

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Power Plants

See also

Airplanes--Engines

Races

Formula 1. Don Berliner. illus tabs Am Avn Hist Soc J 25:57-62 Spring '80

Refueling

See also

In-Flight Refueling

Safety Measures

See also

Flying Safety

AIRPLANES - ContinuedSafety Measures - Cont'd

The ultimate fuel crisis. illus MAC Flyer 27:7
May '80

Stability

Whifferdills, divergences, and other roll coupling
phenomenon. Larry Walker. illus Aerosp Safety
36:5-7+ Apr '80

Takeoff

See Airplanes--Landing and Takeoff

United StatesHistory

Bill McMahon, the Mooney "Flivver" and the Gray
Goose. Col John A. de Vries, Ret. illus Am Avn
Hist Soc J 24:288-290 Winter '79

The Keystone Patrician. Edward Peck. illus Am Avn
Hist Soc J 25:112-118 Summer '80

Ross Hadley's Stearman/Beech. Dustin W. Carter.
illus map Am Avn Hist Soc J 25:26-28 Spring '80

(Will D.) Parker and his Pushers. George F. Max-
field. illus Am Avn Hist Soc J 25:187-193 Fall '80

AIRPLANES, AMPHIBIOUSSee also

Seaplanes

AIRPLANES, BOMBERCharacteristics

Gallery of Soviet aerospace weapons: Bombers and
maritime. illus AF Mag 63:119-121 Mar '80

Gallery of USAF weapons: Bombers. illus AF Mag
63:136-137 May '80

Great BritainHistory

Lancasters over the USA. SqLdr Andrew J. Brookes.
illus Aerosp Hist 27:103-108 Jun '80

Russia

Gallery of Soviet aerospace weapons: Bombers and
maritime. illus AF Mag 63:119-121 Mar '80

United States

B-52 replacement to include 'Stealth.' AF Times 41:6
Sep 29 '80

Beyond the big bird image ... Bruce Callander. AF
Times 40:20 Jan 28 '80

Gallery of USAF weapons: Bombers. illus AF Mag 63:
136-137 May '80

SAC's dual edged sword. Gen Richard H. Ellis. illus
NATO's Fifteen Nations 25:18-20+ Apr-May '80

The strategic triad in the '80s. (Presentation, Na-
tional Security Industrial Assoc, Washington,
Dec 12, 1979) LtGen Kelly H. Burke. AF Plcy Ltr
for Comdrs: Sup, pp 24-30, Apr '80

Those magnificent men, those old flying machines--
are B-52 crews the kamikazes of tomorrow? Jay
Finegan. AF Times, Times Magazine sup:6-9+
Oct 6 '80

AIRPLANES, BOMBER - ContinuedUnited States - Cont'dHistory

About that B-32 on our front cover. Maj Thomas L.
Sack. illus AF Mag 63:37 Sep '80

America's first bombers. Frederick V. Ludden. illus
Natl Def 64:36-39+ Feb '80

Found in Argentina, B-10 now on display (at the U.S.
Air Force Museum). Jay Miller. illus AF Times
40:30 Jun 2 '80

'Mixmaster' to all-jet (XB-42). Jay Miller. illus AF
Times 40:45 Jan 14 '80

To acquire strategic bombers--the case of the B-58
Hustler. R. Cargill Hall. illus AU Rev 31:2-20
Sep-Oct '80

AIRPLANES, BOMBER (SUPERSONIC)Design

B-70 fails to perform. Jay Miller. illus AF Times
41:20 Dec 29 '80

AIRPLANES, CARGO see

Airplanes, Military Transport

Airplanes, Military Transport (Jet)

Airplanes, Transport

Airplanes, Transport (Jet)

AIRPLANES, EXPERIMENTAL see Aircraft, Experi-

mental

AIRPLANES, FAMOUS AND HISTORIC

(Air Transport Command and the C-47 in World
War II) Jay Miller. illus AF Times 41:36
Sep 29 '80

Aviation historian Paul Garber: Sixty years with the
Smithsonian. William P. Schlitz. illus AF Mag 63:
77-81 Jun '80

Flying with Max Krueger (in a 1929 Waco GXE bi-
plane). Jay Miller. AF Times pt 1, 40:26
Jul 21 '80; pt 2, 41:46 Jul 28 '80

Found in Argentina, B-10 now on display (at the U.S.
Air Force Museum). Jay Miller. illus AF Times
40:30 Jun 2 '80

Globemaster--the Douglas C-74. Nicholas M. Wil-
liams. illus tab Am Avn Hist Soc J 25:82-106
Summer '80

Golden Bear. Julius Alexander. illus MAC Flyer 27:
4-5 Aug '80

Hughes' Hercules still one of three largest. Jay Mil-
ler. illus AF Times pt 1, 41:24 Aug 4 '80; pt 2,
Spruce Goose a success. 41:14 Aug 11 '80; pt 3,
One and only flight of the H-4 Hercules. 41:36
Aug 18 '80

The last mission of the Eddie Allen. Col Eino E. Jen-
strom, Ret. illus AF Mag 63:94-98 Aug '80

'Mossie' (Mosquito) one of most unusual war planes.
Jay Miller. illus AF Times 40:30 Jun 16 '80

(Republic's P-47 Thunderbolt) Jay Miller. illus AF
Times pt 1, 41:23 Nov 24 '80; pt 2, 41:37 Dec 1 '80

The Scorpion: A pictorial report. Jay Miller. illus
AU Rev 31:34-45 Jul-Aug '80

AIRPLANES, FAMOUS AND HISTORIC - Continued

Sopwith Camel. Jay Miller. illus AF Times 40:32 May 12 '80

X-1 piloted by Yeager 1st through 'barrier.' Jay Miller. illus AF Times 40:24 Apr 7 '80

AIRPLANES, FIGHTER

Bargain basement fighters (retrofits). John Beach. illus Def Elect 12:59-60+ Jun '80

The best buy in ground attack aircraft--new or secondhand? Roy Braybrook. illus Asian Def J No. 4: 92-96 Jul-Aug '80

ETF (Enhanced Tactical Fighter): Some thoughts on a winner. illus Def & For Aff 8:31-32 Oct '80

Future Tactical Aircraft (TCA). (Four articles setting out the positions of the United States, Germany, Great Britain and France) F. Clifton Berry, Jr and others. illus NATO's Fifteen Nations Special Issue No. 2:90+ '79

Mach 2, reality or myth? The progression of maximum speeds in fighter aircraft. Pierre Sprey. illus tabs Intl Def Rev 13, No. 8:1209-1212 '80

Armament

Bargain basement fighters (retrofits). John Beach. illus Def Elect 12:59-60+ Jun '80

F/A-18 Hornet--one aircraft, one man, multiple missions. Charles Gilson. illus Intl Def Rev 13, No. 2:211-218 '80

French Jaguars get laser guidance system. illus Asian Def J No. 4:101-102 Jul-Aug '80

Characteristics

F-18 Hornet, and the grain of truth syndrome. David Harvey. illus Def & For Aff 8, No. 7:36-37 '80

Flying an 800-knot Tornado: A pilot report. John David Eagles. illus AF Mag 63:48-56 Jun '80

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 63:125 Mar '80

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 63:122-124 Mar '80

Gallery of USAF weapons: Fighters. illus AF Mag 63: 137-139 May '80

Sopwith Camel. Jay Miller. illus AF Times 40:32 May 12 '80

Tornado F2--defender for NATO. WgComdr David Emerson. illus USAF Ftr Wpns Rev, pp 7-12, Winter '79

Combat Evaluation

Europe's combat aircraft: Will it happen? Mark Lambert. illus tabs Interavia 35:702-704 Aug '80

Costs

The \$2.5 million fighter. (Lightweight Fighter Group) Jay Miller. illus AF Times 41:30 Oct 13 '80

AIRPLANES, FIGHTER - ContinuedDesign

F/A-18 Hornet--one aircraft, one man, multiple missions. Charles Gilson. illus Intl Def Rev 13, No. 2:211-218 '80

The new American export fighters. Charles Gilson and Mark Lambert. illus tabs Interavia 35:1165-1168 Dec '80

Strike Eagle proposed for air-to-ground missions. Charles Gilson. illus Intl Def Rev 13, No. 8:1188-1189 '80

Emergency Procedures

Birds of a feather. illus Aerosp Safety 36:8-9 Feb '80

On flying airplanes after things go wrong. Maj Pete Abler. illus TAC Attack 20:12-13 Feb '80

They walked away: F-4 emergency evacuation procedures. Capt Skip Bremer. illus Aerosp Safety 36: 2-3 Oct '80

Study and Teaching

F-4 emergency situation training. Maj Pete Abler. illus TAC Attack 20:26-27 Aug '80

Engines

European military engines--how will they survive? Derek Wood. illus tab Interavia 35:947-948 Oct '80

New developments in U.S. military fighter engines. Dan Boyle. illus Interavia 35:415-417 May '80

Performance

Flying an 800-knot Tornado: A pilot report. John David Eagles. illus AF Mag 63:48-56 Jun '80

The Hawk goes East. Brian Walters. illus Asian Def J No. 5:30-31 Sep-Oct '80

Mach 2, reality or myth? The progression of maximum speeds in fighter aircraft. Pierre Sprey. illus tabs Intl Def Rev 13, No. 8:1209-1212 '80

A pilot looks at the JA-37. Maj S. Holmstrom. illus Asian Def J No. 3:100-102 May-Jun '80

The \$2.5 million fighter. (Lightweight Fighter Group) Jay Miller. illus AF Times 41:30 Oct 13 '80

Whifferrills, divergences, and other roll coupling phenomenon. Larry Walker. illus Aerosp Safety 36:5-7+ Apr '80

Piloting

Flying an 800-knot Tornado: A pilot report. John David Eagles. illus AF Mag 63:48-56 Jun '80

Flying the F-15 Eagle. George W. Hawks, Jr. illus Aerosp Hist 27:2-8 Mar '80

G-tolerance: A case for short pilots. Maj James E. Whinnery and Sidney D. Leverett, Jr. illus Aerosp Safety 36:6-7 May '80

Pickup of visual information by the pilot during a ground control approach in a fighter aircraft simulator. J.P. Papin and others. illus tabs Aviation, Space & Envmt Med 51:463-469 May '80

AIRPLANES, FIGHTER - ContinuedEurope, Western

Europe's combat aircraft: Will it happen? Mark Lambert. illus tabs Interavia 35:702-704 Aug '80

Flying an 800-knot Tornado: A pilot report. John David Eagles. illus AF Mag 63:48-56 Jun '80

Tornado conversion courses underway at MBB (Messerschmitt-Bölkow-Blohm). Interavia 35:751-752 Sep '80

Tornado nearing operational service. illus Interavia 35:424-425 May '80

The Tornado provisioning and supply system. Rudiger Sanitz. illus tab NATO's Fifteen Nations 25:93-95 Oct-Nov '80

France

Mirage 2000: A fighter tailored to a budget. Germain Chambost. illus tab Interavia 35:712-714 Aug '80

Germany (Federal Republic)

GAF Alpha Jet operational features. Douglas Chopping. illus tabs Interavia 35:544-546 Jun '80

Great Britain

Tornado F2--defender for NATO. WgComdr David Emerson. illus USAF Ftr Wpns Rev, pp 7-12, Winter '79

India

Jaguar enters service with India's Air Force. Pushpinder Singh. illus Armada Intl 4:118-120 Mar-Apr '80

NATO

Future European combat aircraft--where do we go from here? illus Intl Def Rev 13, No.5:656-657 '80

Tornado F2--defender for NATO. WgComdr David Emerson. illus USAF Ftr Wpns Rev, pp 7-12, Winter '79

Russia

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 63:125 Mar '80

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 63:122-124 Mar '80

New Soviet fighters detailed: Electronics could change tactics. illus Mil Elect/Countermeasures 6:67-69 May '80

Tactical air warfare--the next 20 years. (Presentation, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) BrigGen Robert Russ. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Jul '80

29 wonderful minutes in a Flogger. Maj Bob Brotzman. illus USAF Ftr Wpns Rev, pp 14-17+, Summer '80

History

The most reliable aircraft. (Lavochkin-designed planes) V. Aidarov. illus Soviet Mil Rev No.8:43-45 Aug '80

Record setter (MIG Ye-166) unveiled. Jay Miller. illus AF Times 40:26 Jan 28 '80

AIRPLANES, FIGHTER - ContinuedSweden

A pilot looks at the JA-37. Maj S. Holmstrom. illus Asian Def J No.3:100-102 May-Jun '80

United States

Coaching the fighters. Barrett Tillman. illus US Nav Inst Proc 106:39-45 Jan '80

FX fighter firms square off. John Burton. illus Def & For Aff 8:44-46 Sep '80

Gallery of USAF weapons: Fighters. illus AF Mag 63:137-139 May '80

(Gen) Slay: Fighter needs in a crunch. Len Famiglietti. AF Times 40:44 Jun 16 '80

The new American export fighters. Charles Gilson and Mark Lambert. illus tabs Interavia 35:1165-1168 Dec '80

Tactical air warfare--the next 20 years. (Presentation, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) BrigGen Robert Russ. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Jul '80

History

The acquisition of the Seversky EP-1 (P-35) by the Royal Swedish Air Force. Nils Soderberg. illus Aerosp Hist 27:169-171 Sep '80

Hawk Eighty-One. Eric H. Hart. illus tabs Am Avn Hist Soc J 25:19-25 Spring '80

(Republic's P-47 Thunderbolt) Jay Miller. illus AF Times pt 1, 41:23 Nov 24 '80; pt 2, 41:37 Dec 1 '80

The Scorpion: A pictorial report. Jay Miller. illus AU Rev 31:34-45 Jul-Aug '80

Seizure of the North American NA-68 and NA-69. Edward M. Young. illus tab Am Avn Hist Soc J 25:194-198 Fall '80

Welcome aboard, Air Force. Maj Douglas K. Evans, Ret. illus AF Mag 63:85-89 Jun '80

AIRPLANES, GUNSHIP see GunshipsAIRPLANES, JET-PROPELLEDSee also

Airplanes, Military Transport (Jet)
Airplanes, Transport (Jet)

The business jets: Workhorses or luxury items? Erhard Heckmann. illus tab Aerosp Intl 16:48-50 Mar-Apr '80

The real, simulated thing: New concepts in training with CTA (Companion Trainer Aircraft). David Harvey. illus Def & For Aff 8, No.7:7-9+ '80

Fuels

Fuel density. Gordon McKinzie. illus tab Aerosp Safety 36:21-23 Jan '80

Shale JP-4 refined at W-P lab (Aero Propulsion Laboratory at Wright-Patterson AFB, OH). AF Times 40:11 Jun 16 '80

United States

'Mixmaster' to all-jet (XB-42). Jay Miller. illus AF Times 40:45 Jan 14 '80

AIRPLANES, LIGHTSee also

Airplanes in Agriculture
Airplanes in Business

The energy-effective airliners: Commuter aircraft.
illus Aerosp Intl 16:4-6+ Jul-Aug '80

Light aircraft avionics. illus Aerosp Intl 16:30-31
Jul-Aug '80

Piloting

Going on leave. Maj Roger L. Jacks. illus Aerosp
Safety 36:5 May '80

United States

Commuter aircraft and FAR (Federal Aviation Regu-
lation) 24: New rules for a changing game. Marc
Grangier and Eric Biass. illus Interavia 35:719-
722 Aug '80

Research programs in general aviation--next genera-
tion aircraft. Marc Grangier. illus tab Interavia
35:123-128 Feb '80

AIRPLANES, MILITARY

See also specific categories of military air-
planes, e.g.,

Airplanes, Bomber	Airplanes, Trainer
Airplanes, Fighter	Gunships
Airplanes, Reconnaissance	Targets, Aerial

also entries on U.S. military planes by model
designation under the specific types, e.g.,
Airplane Type--C-5

Air forces of Asia. Pushpinder Singh. illus tabs
Asian Def J No. 3:34-36+ May-Jun '80

The armchair aviator. Regular feature in issues of
Air Force Times

Accidents

See Accidents, Air; Accidents, Ground (Air-
craft)

Armament

Ordinance for F/A-18 Hornet. CW4 John P. Clelland,
Jr. illus tabs MarCor Gaz 64:16-18 Oct '80

Maintenance and Repair

Lost any 20mm gun stripper diffusers or muzzle
clamps lately? TIG Brief 32:7 Feb 8 '80

Arresting Gear

Management of aircraft arrestment systems. TIG
Brief 32:21-22 Oct 17 '80

Brakes

Dem's da brakes. Capt Mike Shub. illus TAC Attack
20:8-9 Mar '80

F-4 rollers: Wheels, tires, brakes. LtCol Horst
Gaede. illus Aerosp Safety 36:23-24 May '80

Canopies

Blowing in the wind. Maj Gary L. Studdard. illus tab
Aerosp Safety 36:2-3 Jul '80

Characteristics

Gallery of USAF weapons: Attack and observation air-
craft. illus AF Mag 63:139-140 May '80

AIRPLANES, MILITARY - ContinuedCharacteristics - Cont'd

Jane's All the World's Aircraft Supplement. Regular
feature in some issues of Air Force Magazine

U.S. has been flying virtually invisible aircraft for
over two years. ("Stealth" program) Benjamin F.
Schemmer. Armed Forces J Intl 118:30-31 Sep '80

Cockpits

Biomani--an improved occupant-crew station com-
pliance modeling system. Georg D. Frisch and
Louis A. D'Aulerio. illus Aviation, Space & Envmt
Med 51:160-167 Feb '80

History

The lighter side of cockpits. Jim Tuttle. illus Am
Avn Hist Soc J 24:273-278 Winter '79

Control

See Flight Control Systems

De-icing

See Airplanes, Military--Ice Prevention

Design

Betting the 50. Joseph F. Tilson. illus Aerosp Safety
36:2-3 May '80

Formulating improved figures of merit in aircraft
acquisition. Charles Stiles. illus tabs Def Mgt J
16:56-60 First Quarter '80

Pentagon wants action on CX. AF Times 41:34
Nov 10 '80

Detection and Recognition

See Airplanes, Military--Identification

Ditching

"Pride goeth before ..." Capt Michael W. Ryan. illus
MAC Flyer 27:4-6 Sep '80

Electrical Systems

Electric wires and flammable fluid lines aren't com-
patible. TIG Brief 32:19 Dec 12 '80

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Birdstrike at 480 kts. Capt Mike Hambrick. illus
Aerosp Safety 36:12-13 Oct '80

A boot full of rudder. Capt Jimmy Carter. illus TAC
Attack 20:4-6 Jul '80; Aerosp Safety 36:10-12
Aug '80

Foaming halted for runway use. AF Times 40:3
May 19 '80

A funny thing happened on my way ... LtCol Robert
D. Mielbrecht. illus TAC Attack 20:24-25 Jul '80

Hell on Runway 25L: First-person account from a
flyer who survived a tragic aircraft collision. Maj
James G. Gibson II. illus MAC Flyer 27:16-19
Oct '80

How to plan a crash landing. Capt James P. Coe. illus
MAC Flyer 27:8-10 Feb '80

Managing emergencies. Gerald M. Bruggink. MAC
Flyer 27:20-23 Apr '80

AIRPLANES, MILITARY - ContinuedEmergency Procedures - Cont'd

Needle, ball, and ... Capt David Burnett. illus TAC Attack 20:4-6 Feb '80

Phantom vari-ramp. Maj Di Johnson. illus TAC Attack 20:20-21 Sep '80

Pop goes the life raft! Pat Henry and Frank Manie. illus Aerosp Safety 36:4-5 Jan '80

"Pride goeth before ..." Capt Michael W. Ryan. illus MAC Flyer 27:4-6 Sep '80

Programming your own computer. Robert E. Coward and William H. Nelson. TAC Attack 20:26-27 Sep '80

Runway foaming. TIG Brief 32:13-14 Jun 13 '80

Something is wrong. What should I do? Maj Terrell J. Osborn. illus Aerosp Safety 36:2-4 Sep '80

Suds duds. Maj Glen D. Chambers. illus Aerosp Safety 36:24-25 Jun '80

To foam or not to foam. Maj Garry S. Mueller. illus TAC Attack 20:18-20 Jun '80

The will to leave equals the will to live in an ejection decision. Maj Bruce N. Cox. illus Aerosp Safety 36:12-13 Mar '80

EnginesSee also

Gas Turbines (Aircraft)
Jet Engines

Aircraft engine designer (A.A. Mikulin). LtCol V. Aizarov. illus Soviet Mil Rev No. 2:34-35 Feb '80

Crisis ahead in metals vital to engines. AF Times 40:13 Apr 28 '80

Fortunes of DOD's two aircraft engine giants about to be reversed. Benjamin F. Schemmer. tab Armed Forces J Intl 117:18+ May '80

New trends in advanced technology military engines. Andrea Artoni. illus Aerosp Intl 16:18+ Jul-Aug '80

Maintenance and Repair

Historical records related to 'on-condition maintenance.' TIG Brief 32:13 May 30 '80

Testing

Aeropropulsion Systems Test Facility. Cols Garrett V. Sidler and William K. Officer. illus chart Mil Engr 72:36-40 Jan-Feb '80

Fires and Fire Prevention

Electric wires and flammable fluid lines aren't compatible. TIG Brief 32:19 Dec 12 '80

Nomex vs nylon flying jackets. Maj William Harrison. illus Aerosp Safety 36:24-25 Jul '80

The rumor mill. Maj Arthur P. Meikel. illus Aerosp Safety 36:16-17 Nov '80

An unscheduled mishap. TIG Brief 32:15 Nov 14 '80

Fuel Systems

Aircraft fuel systems: Too much pressure. TIG Brief 32:17 May 2 '80

AIRPLANES, MILITARY - ContinuedFuel Systems - Cont'd

Electric wires and flammable fluid lines aren't compatible. TIG Brief 32:19 Dec 12 '80

It (T-37) really does use monkeys and mirrors. Capt Jim Davis. illus Aerosp Safety 36:12-15 May '80

Fuel Tanks

F-4 fuel cell foam. TIG Brief 32:7 Sep 26 '80

Out of gas. Maj Patrick G. Richmond and Capt Stephen C. Daniels. illus Combat Crew 30:22-23 Jan '80

Maintenance and Repair

Another case of FOD. Capt John Wittmeyer. illus Aerosp Safety 36: inside front cover Apr '80

Fuels

Dealing with the crunch. (Computer flight plan) LtCol Felix D. Powers. illus tab Airlift Ops Rev 2:14-17 Apr-Jun '80

New accounting system aims to trim fuel needs. AF Times 41:17 Aug 11 '80

Possibility: Aviation fuel from oil-shale. John Ginovsky. AF Times 40:10 May 19 '80

Shale JP-4 refined at W-P lab (Aero Propulsion Laboratory at Wright-Patterson AFB, OH). AF Times 40:11 Jun 16 '80

Costs

Fuel costs pinch muscle. Interview. LtGen Hans H. Driessnack. AF Times 40:4 Feb 25 '80

Ground-Support Equipment

Development of the centralized aircraft support system. Capt Mark W. Haram. illus tab AF J Log 4: 20-21 Spring '80

Hydraulic Systems

Are you ready for the F-16? TIG Brief 31:17 Dec 21 '79

Ice Prevention

Ice, snow & 10 below. illus Aerosp Safety 36:2-3 Nov '80

Identification

The history of the Ground Observer Corps. Maj William D. Hobbs. illus Aerosp Hist 27:178-179+ Sep '80

IFF--the current system and its problems. Intl Def Rev 13, No. 3:352 '80

NIS (NATO Identification System)--a new identification system for NATO. Dan Boyle. illus Intl Def Rev 13, No. 3:351+ '80

InspectionSee also

Preflight Inspections

NDI (NonDestructive Inspection): A mystic science to Air Force maintenance managers? TIG Brief 31:4 Dec 21 '79

The nit-pickers. (Charleston AFB, SC's aircraft maintenance inspectors thoroughly check the C-141s assigned to MAC's 437th Military Airlift Wing) Sgt Craig Pugh. illus Airman 24:38-43 Apr '80

AIRPLANES, MILITARY - ContinuedInspection - Cont'd

One F-4 in 11 found flawed. AF Times 41:26 Oct 6 '80

Tankers live longer. (The value of the in-flight Acoustic Crack Detection System (ACDS) for C/KC-135 aircraft) Budd Parrish. illus tabs
Aerosp Safety 36:8-11 Apr '80

Instruments

See Aeronautical Instruments

Interception

Coaching the fighters. Barrett Tillman. illus US Nav
Inst Proc 106:39-45 Jan '80

A pilot looks at the JA-37. Maj S. Holmstrom. illus
Asian Def J No. 3:100-102 May-Jun '80

Landing and TakeoffSee also

Automatic Carrier Landing System
Automatic Landing Systems
Catapults
Ground-Controlled Approach
Hydroplaning
Microwave Landing Systems

Dem's da brakes. Capt Mike Shub. illus TAC Attack
20:8-9 Mar '80

A different kind of near miss. Maj Wayne P. Skora.
illus TAC Attack 20:26-27 Jul '80

Getting to the fix on time. Capt Paul T. Shorock. illus
Combat Crew 30:16-17 May '80

Hell on Runway 25L: First-person account from a
flyer who survived a tragic aircraft collision. Maj
James G. Gibson II. illus MAC Flyer 27:16-19
Oct '80

Landings. Robert W. Harrison. illus Aerosp Safety
36:12-13 Jan '80

MSAW (Minimum Safe Altitude Warning)--pilot's
friend. SMSgt Marshall E. Holman. illus tab
Aerosp Safety 36:14-15 Sep '80

Pressing problems. Maj Jim Stewart. (Reprinted
from Flight Comment, No. 1, 1980) illus Aerosp
Safety 36:5-7 Sep '80

Runway foaming. TIG Brief 32:13-14 Jun 13 '80

Suds duds. Maj Glen D. Chambers. illus Aerosp
Safety 36:24-25 Jun '80

This thing called density altitude. illus Aerosp Safety
36: inside front cover Aug '80

To foam or not to foam. Maj Garry S. Mueller. illus
TAC Attack 20:18-20 Jun '80

VDP (Visual Descent Point)--do you think before you
act? Capt William T. Tuttle. Combat Crew 30:
12-13 Sep '80

Vertical navigation during the enroute descent. Capt
Jay M. Miranda. illus Combat Crew 30:14-15
Oct '80

Visibility, safety and you. MSgt Frederick N. Rottet.
illus Aerosp Safety 36:10-11 May '80

AIRPLANES, MILITARY - ContinuedLanding Gear

Inadvertent landing gear retractions. TIG Brief 32:17
May 30 '80

Launching

See Catapults

LightingHistory

The lighter side of cockpits. Jim Tuttle. illus Am
Avn Hist Soc J 24:273-278 Winter '79

Load Distribution

F-15: Overload Warning System. Capt Richard Ban-
holzer. illus tabs USAF Ftr Wpns Rev, pp 15-17+,
Fall '80

A heavy war story. Maj Bruce L. Gumble. illus MAC
Flyer 27:18-19 Jun '80

Maintenance and Repair

See Aircraft Maintenance and subdivision Main-
tenance and Repair under specific Airplane Types

Manufacture

See Aircraft Industry and Trade

Materials

Betting the 50. Joseph F. Tilson. illus Aerosp Safety
36:2-3 May '80

Crisis ahead in metals vital to engines. AF Times
40:13 Apr 28 '80

Modifications

DOD staff optimistic on F-18 fixes. Benjamin F.
Schemmer. illus Armed Forces J Intl 118:18
Nov '80

Golden Bear. Julius Alexander. illus MAC Flyer 27:
4-5 Aug '80

New day for an old warrior. (B-52D modifications
which increase payload and improve maneuver-
ability) MSgt David B. Drachlis. illus Airman 24:
15-19 Jan '80

Skyhawks for the RMAF. Enrico delle Capre. illus
Asian Def J No. 3:65-66+ May-Jun '80

Stretching it! William G. Holder. illus Airman 24:
39-41 Jun '80

Parking

Aircraft tiedown procedures. TIG Brief 32:19-20
Nov 28 '80

Performance

Behind the power curve. Maj Pete Abler. illus TAC
Attack 20:4-6 May '80

Get a bigger thumb. Joseph F. Tilson. illus Aerosp
Safety 36:2-3 Jun '80

This thing called density altitude. illus Aerosp Safety
36: inside front cover Aug '80

Piloting

Air discipline, brains, roe, mindrolling, and wall-
bangers. Maj Gary L. Sholders. Aerosp Safety 36:
16-18 Aug '80

AIRPLANES, MILITARY - ContinuedPiloting - Cont'd

A boot full of rudder. Capt Jimmy Carter. illus TAC Attack 20:4-6 Jul '80; Aerosp Safety 36:10-12 Aug '80

The flat spin--stay away from it. Wilburn James. USA Avn Dig 26:24-25 Nov '80

For Eagle drivers only--but other types should read it, too. Capt Paul Q.G. Woodford. (Reprinted from Aircoop, August 1980) illus Aerosp Safety 36:14-15 Nov '80

A lesson in defensive flying. Maj James G. Gibson II. illus MAC Flyer 27:10-11 May '80

Second-in-command. Capt James P. Coe. illus MAC Flyer 27:11-13 Aug '80

Spin awareness. (Reprinted from FAA General Aviation News, Nov-Dec 1979) illus USA Avn Dig 26:24-28 Nov '80

200 & 1/2 mi. Maj Pete Abler. illus TAC Attack 20:4-6 Jun '80

Which way is down? CDR V. M. Voge. (Reprinted from Approach, May 1980) illus Aerosp Safety 36:16-18 Jul '80

Who's got the stick? Or--Bear's theory of fighter aviation. Maj Gary L. Sholders. illus Aerosp Safety 36:8-11 Mar '80

Your job or your life. Maj Alan D. York. illus MAC Flyer 27:13-15 Sep '80

Power Plants

See also
Airplanes, Military--Engines

Protection

Aircraft tiedown procedures. TIG Brief 32:19-20 Nov 28 '80

Diversion hazards. TIG Brief 32:16 Aug 29 '80

Lightning 'R' us. Maj Tony Helbling. illus Aerosp Safety 36:13 Jul '80

Recognition

See Airplanes, Military--Identification

Refueling

See also
In-Flight Refueling

Restoration

Smithsonian's (Silver Hill) restoration turns 'old' planes into 'factory-fresh.' illus Aviation, Space & Envmt Med 51:323 Mar '80

Safety Measures

See also
Flying Safety

Aircraft tiedown procedures. TIG Brief 32:19-20 Nov 28 '80

Electric wires and flammable fluid lines aren't compatible. TIG Brief 32:19 Dec 12 '80

AIRPLANES, MILITARY - ContinuedSafety Measures - Cont'd

Get a bigger thumb. Joseph F. Tilson. illus Aerosp Safety 36:2-3 Jun '80

A heavy war story. Maj Bruce L. Gumble. illus MAC Flyer 27:18-19 Jun '80

'Hot Stuff' combat turns. TIG Brief 32:5-6 Aug 8 '80

Lightning 'R' us. Maj Tony Helbling. illus Aerosp Safety 36:13 Jul '80

Noncompliance with procedures. TIG Brief 32:16 May 2 '80

An unscheduled mishap. TIG Brief 32:15 Nov 14 '80

Weapons words: Explosives safety history. John H. Kawka. TAC Attack 20:22-23 Aug '80

Seats

One F-4 in 11 found flawed. AF Times 41:26 Oct 6 '80

Spare Parts

IG: 'Sustainability' is the new byword. Interview. LtGen Howard W. Leaf. AF Times 41:2 Oct 6 '80

Spare parts getting higher priority. Interview. BrigGen John Chain. AF Times 41:4 Aug 25 '80

The Tornado provisioning and supply system. Rudiger Sanitz. illus tab NATO's Fifteen Nations 25:93-95 Oct-Nov '80

Speed

Mach 2, reality or myth? The progression of maximum speeds in fighter aircraft. Pierre Sprey. illus tabs Intl Def Rev 13, No. 8:1209-1212 '80

Stalling

Phantom vari-ramp. Maj Di Johnson. illus TAC Attack 20:20-21 Sep '80

Takeoff

See Airplanes, Military--Landing and Takeoff

Testing

X-rays test military aircraft. Richard J. Meyer. illus Natl Def 64:38-39 Jun '80

Tires

Dem's da brakes. Capt Mike Shub. illus TAC Attack 20:8-9 Mar '80

F-4 rollers: Wheels, tires, brakes. LtCol Horst Gaede. illus Aerosp Safety 36:23-24 May '80

Maintenance and Repair

Maintenance of correct aircraft tire pressure. TIG Brief 32:7 Mar 7 '80

Tracking

See Airplanes, Military--Identification

Weight

A heavy war story. Maj Bruce L. Gumble. illus MAC Flyer 27:18-19 Jun '80

AIRPLANES, MILITARY - ContinuedWheels

F-4 rollers: Wheels, tires, brakes. LtCol Horst Gaede. illus Aerosp Safety 36:23-24 May '80

Canada

Dawn of Aurora. LT Maurice S. Joyce. illus US Nav Inst Proc 106:127-129 Mar '80

Patrolling the northern territories. David Godfrey. illus Interavia 35:34-35 Jan '80

Europe, Western

U.S. eyes (Alpha) Jet used in Europe. Len Famiglietti. illus AF Times 41:20 Sep 22 '80

Finland

Valmet L-70 Miltrainer. Maj Rudolf Wicki. illus tab Armada Intl 4:44-46+ Sep-Oct '80

Germany (Federal Republic)

German Air Force missions and planning. illus tab Interavia 35:303-308 Apr '80

Great Britain

Britain's aerospace in the military market. Bill Sweetman. illus NATO's Fifteen Nations 25:69-70+ Aug-Sep '80

History

'Mossie' (Mosquito) one of most unusual war planes. Jay Miller. illus AF Times 40:30 Jun 16 '80

Italy

Monitoring the southern flank. Adm Giovanni Sleiter, Ret. illus Interavia 35:42-43 Jan '80

Russia

Captured 'Soviet squadron.' Jay Miller. illus AF Times 40:14 Feb 11 '80

Military aircraft exports: Soviet foreign policy tool. F. Clifton Berry, Jr. illus tabs AF Mag 63:72-75+ Mar '80

Spain

Close-up on the CASA C.101. Yves Robins. illus Aerosp Intl 16:14-15 Jul-Aug '80

United States

CMCA: The confused missile carrier aircraft. Bob Carr. illus tabs Armed Forces J Intl 117:68-71 Feb '80

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 63:139-140 May '80

A more liberal, avant garde R&D program. Edgar Ulsamer. illus AF Mag 63:42-47 Jun '80

199 more planes accepted last year than in 1978. Len Famiglietti. AF Times 41:31 Sep 15 '80

Panel (Senate Armed Services Committee) wants no missile carrier. Len Famiglietti. AF Times 40:26 Jul 7 '80

The U.S. Navy: Naval aircraft. Norman Polmar. tab illus US Nav Inst Proc pt 1, 106:121-123 Sep '80; pt 2, 106:119-121 Nov '80; pt 3, 106:113-114 Dec '80

AIRPLANES, MILITARY TRANSPORTCharacteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 63:127-128 Mar '80

Gallery of USAF weapons: Transports and tankers. illus AF Mag 63:142-144 May '80

Loading and Unloading

A heavy war story. Maj Bruce L. Gumble. illus MAC Flyer 27:18-19 Jun '80

Realism in munitions loading crew training. TIG Brief 32:7 Oct 17 '80

Piloting

Ten missions ahead: At Red Flag, MAC crews get shot down and live to learn from it. 1stLt Ben Rich. illus MAC Flyer 27:4-5 Oct '80

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 63:127-128 Mar '80

United States

(Airlift issues) (Interview with Col Robert B. Patterson) Maj Edward F. Wittel. illus Airlift Ops Rev 2:2-8 Jul-Sep '80

Civil-military air transportation for the future. LtCol George A. Pasquet. illus Airlift Ops Rev 2:19-22 Apr-Jun '80

Gallery of USAF weapons: Transports and tankers. illus AF Mag 63:142-144 May '80

Mobility forces. (Extracted from Air Force Report to 96th Congress) illus Airlift Ops Rev 2:9-10 Jul-Sep '80

(Significant changes in airlift) Interview. Gen Jack J. Catton, Ret. illus Airlift Ops Rev 2:2-4 Apr-Jun '80

History

(Air Transport Command and the C-47 in World War II) Jay Miller. illus AF Times 41:36 Sep 29 '80

Globemaster--the Douglas C-74. Nicholas M. Williams. illus tab Am Avn Hist Soc J 25:82-106 Summer '80

AIRPLANES, MILITARY TRANSPORT (JET)Characteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 63:127-128 Mar '80

Gallery of USAF weapons: Transports and tankers. illus AF Mag 63:142-144 May '80

The Soviet competition--IL-76 "Candid." illus MAC Flyer 27:16-17 Jan '80

Landing and Takeoff

The C-5: Extending it into the 21st century. Paul Seidenman. illus Natl Def 65:34-37+ Dec '80

How to plan a crash landing. Capt James P. Coe. illus MAC Flyer 27:8-10 Feb '80

Takeoff

See Airplanes, Military Transport (Jet)--Landing and Takeoff

AIRPLANES, MILITARY TRANSPORT (JET) - ContinuedWings

The C-5: Extending it into the 21st century. Paul Seidenman. illus Natl Def 65:34-37+ Dec '80

Russia

The competition: AN-22 "Cock." illus MAC Flyer 27:16-17 Jun '80

The competition: AN-72 Coaler. illus MAC Flyer 27:16-17 Apr '80

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 63:127-128 Mar '80

Russia's IL-76 transport: Ten years ahead of C-X? Deborah M.Kyle. illus tab Armed Forces J Intl 117:18-19 Jul '80

The Soviet competition--IL-76 "Candid." illus MAC Flyer 27:16-17 Jan '80

The Soviet competition: Yak-40 "Codling." illus MAC Flyer 27:16-17 Nov '80

United States

AF responds to 101 C-X questions; SASC review still pending. Deborah M.Kyle. Armed Forces J Intl 117:12+ Jun '80

Brown directs C-X IOC (Initial Operational Capability) by Sep 1985. Benjamin F.Schemmer. Armed Forces J Intl 117:26+ Mar '80

DOD's C-X confusion. Armed Forces J Intl 118:14+ Sep '80

A deja vu called CX. John C.Burton III. illus tab Def & For Aff 8, No.4:38-39 '80

Gallery of USAF weapons: Transports and tankers. illus AF Mag 63:142-144 May '80

House Armed Services Committee rapidly defeats C-X. Deborah M.Kyle. Armed Forces J Intl 117:12 May '80

Military airlift and the C-X. Gen Robert E.Huyser. AF Plcy Ltr for Comdrs: Sup, pp 15-16, Aug '80

Pentagon wants action on CX. AF Times 41:34 Nov 10 '80

Senate C-X vote uncertain: The 101-question overkill? Deborah M.Kyle. Armed Forces J Intl 117:12 May '80

Stretching it! William G.Holder. illus Airman 24: 39-41 Jun '80

USAF, asked why not an updated C-5A instead of new C-X, reaffirms C-X need. Benjamin F.Schemmer. Armed Forces J Intl 117:16-17+ Apr '80

USAF's CX group now sees plane roughly "half the size of a C-5A." Benjamin F.Schemmer. Armed Forces J Intl 117:18+ Feb '80

Why the U.S. needs the C-X. (Presentation, East Coast Section, Society of Experimental Test Pilots, Washington Navy Yard, March 18, 1980) LtGen Kelly H.Burke. AF Plcy Ltr for Comdrs: Sup, pp 23-27, Jun '80

AIRPLANES, MODEL

Vintage Fellhauer! TSgt London Mitchell. illus Air Reservist 33:19 Nov '80

AIRPLANES, PARASITEHistory

Parasite fighters would shield bombers. Jay Miller. illus AF Times 40:19 Feb 25 '80

AIRPLANES, RECONNAISSANCECharacteristics

Fokker's Maritime patrol aircraft wins orders in S.E. Asia. Brian Walters. illus Asian Def J No.5: 99+ Sep-Oct '80

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 63:126 Mar '80

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 63:140-142 May '80

Special mission aircraft: Gates Learjet. illus tab Asian Def J No.3:90-92 May-Jun '80

Great Britain

The Coastguarder: A basic design meets a new challenge. James D.Ferguson. illus US Nav Inst Proc 106:109-111 Apr '80

NATO

Maritime air patrol versus the submarine. AVM G.C.Cairns. illus NATO's Fifteen Nations 25:57-59 Apr-May '80

Russia

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 63:126 Mar '80

United States

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 63:140-142 May '80

Vigilante fadeout. LCDR Peter B.Mersky. illus US Nav Inst Proc 106:63-69 Jun '80

AIRPLANES, SUBMERSIBLE see Submersible Vehicles

AIRPLANES, SUPERSONICSee also

Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

United States

Sixteen years of Mach 3 flight. illus Interavia 35: 636-637 Jul '80

AIRPLANES, TANKERUnited States

Gallery of USAF weapons: Transports and tankers. illus AF Mag 63:142-144 May '80

(Jet engines, jet aircraft, and in-flight refueling) Jay Miller. illus AF Times pt 1, 41:23 Sep 8 '80; pt 2, 41:28 Sep 15 '80

The KC-10 Extender. Maj Wayne Bruniz. illus Combat Crew 30:12-13 Aug '80

McDonnell Douglas KC-10A Extender. illus tab Interavia 35:710-711 Aug '80

AIRPLANES, TANKER - ContinuedUnited States - Cont'dHistory

The nav heritage--the KC-97L. LtCol Thomas P. Beal. illus Navigator 27:15-19 Winter '80

AIRPLANES, TARGET see Targets, Aerial

AIRPLANES, TRAINER

Texan warriors: T-6 aircraft in French service. V.E. Ferry. illus Am Avn Hist Soc J 24:291-302 Winter '79

Characteristics

British Aerospace Hawk. Yves Robins. illus NATO's Fifteen Nations 25:75-76+ Aug-Sep '80

Firecracker in the air. Brian M. Walters. illus Asian Def J No. 3:138+ May-Jun '80

Flamingo--a primary trainer tailor-made for military schools. Brian Walters. illus tab Asian Def J No. 4:97-98 Jul-Aug '80

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 63:128-129 Mar '80

Gallery of USAF weapons: Trainers. illus AF Mag 63:144-145 May '80

The Hawk goes East. Brian Walters. illus Asian Def J No. 5:30-31 Sep-Oct '80

(VTXTS, Navy Trainer Experimental Training System) Jay Miller. illus AF Times 41:26 Nov 17 '80

Europe, Western

U.S. eyes (Alpha) Jet used in Europe. Len Famiglietti. illus AF Times 41:20 Sep 22 '80

Finland

Valmet L-70 Miltrainer. Maj Rudolf Wicki. illus tab Armada Intl 4:44-46+ Sep-Oct '80

France

More power for the Fouga 90. Yves Robins. illus Aerosp Intl 16:34-35+ Mar-Apr '80

Radioscopy of a well born trainer (Fouga 90). illus tab Aerosp Intl 15:40-41 Oct-Nov '79

With the Fouga 90 Aérospatiale aims at the booming trainer market. Yves Robins. illus Aerosp Intl 15:42+ Oct-Nov '79

Great Britain

British Aerospace Hawk. Yves Robins. illus NATO's Fifteen Nations 25:75-76+ Aug-Sep '80

Firecracker in the air. Brian M. Walters. illus Asian Def J No. 3:138+ May-Jun '80

Russia

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 63:128-129 Mar '80

Switzerland

PC-7: Flight training with Swiss precision. illus Asian Def J No. 2:50+ Mar-Apr '80

AIRPLANES, TRAINER - ContinuedUnited States

Candidates abound for the U.S. Air Force trainer program. Ramon Lopez. illus Interavia 35:1045-1049 Nov '80

Gallery of USAF weapons: Trainers. illus AF Mag 63:144-145 May '80

The hang-up in force modernization: Not enough procurement dollars. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:30-31+ Aug '80

New horizons for flying training. Maj Gene E. Townsend. illus AF Mag 63:36-42 Apr '80

(Trainer aircraft for the Navy) Jay Miller. illus AF Times 41:28 Oct 20 '80

AIRPLANES, TRANSPORT

The well-maintained airliner. illus Aerosp Intl 16:24+ Jul-Aug '80

Fuels

Aviation fuel and the airlines. Paul Maurice. illus tabs Interavia 35:1008-1009 Nov '80

Russia

Soviet military airlift: Key to rapid power projection. William Schneider, Jr. illus tab AF Mag 63:80-86 Mar '80

United States

USAF stresses extensive use of MAC resources. illus Aerosp Intl 15:53 Oct-Nov '79

History

ATC Hump flights: Risky super effort. Jay Miller. illus AF Times 41:27 Aug 25 '80

AIRPLANES, TRANSPORT (JET)

Airliner manufacture--Looking into the future. tabs Interavia 35:1149-1150 Dec '80

The battle for the new 120-140 seater market. Paul Maurice. illus tab Interavia 35:1061-1064 Nov '80

The next new wave of airliners. Bill Sweetman. illus Aerosp Intl 16:22-25 Nov-Dec '80

Characteristics

The battle for the new 120-140 seater market. Paul Maurice. illus tab Interavia 35:1061-1064 Nov '80

Douglas nearing DC-XX decision. illus tabs Interavia 35:1064-1065 Nov '80

Fuels

See Airplanes, Jet-Propelled--Fuels

Europe, Western

Aéroformation: Success of Airbus spurs growth. Germain Chambost. illus Interavia 35:360-361 Apr '80

Airbus A310: Cockpit layout and crew complement debated. illus tabs Interavia 35:227-230 Mar '80

Airbus Industrie's heavenly twins: A310 and A300-600. Mark Lambert. illus tabs Interavia 35:1001-1006 Nov '80

AIRPLANES, TRANSPORT (JET) - ContinuedEurope, Western - Cont'd

Bonn uneasy about cost of Airbus program. (Interview with Martin Grüner) illus Interavia 35:309-310 Apr '80

The next medium-range airliner--European airlines' wish list. illus map Interavia 35:1147-1148 Dec '80

France

Dassault Mystere-Falcon 50. illus Aerosp Intl 16: 22-24+ Sep-Oct '80

Russia

The dramatic impact of Soviet airborne ops. Milan Vego. Def & For Aff 8, No.9:31-32+ '80

IL-86--the Russian Airbus. illus Interavia 35:426 May '80

The Soviet competition--Tu-134 "Crusty." illus MAC Flyer 27:16-17 Aug '80

The Soviet competition: Yak-40 "Codling." illus MAC Flyer 27:16-17 Nov '80

Soviet transport: A decade ahead of C-X? illus Mil Rev 60:86-87 Nov '80

USSR's airlift about 1/4 of U.S.'--but most distances are shorter. Armed Forces J Intl 117:17+ Apr '80

Switzerland

Swissair stresses environment benefits of DC-9 Super 80. Mark Lambert. illus Interavia 35:1105-1106 Dec '80

United States

Airlift improvements: CX and other initiatives. LtCol William C. Bartels. illus tabs MarCor Gaz 64:60-64 Aug '80

CX will haul troops, all kinds of equipment. AF Times 40:12 Mar 10 '80

The DC-8 re-engining program. Jackson McGowen. illus tabs Interavia 35:419-421 May '80

How to get more out of your 747: Pan Am and Qantas take different routes. Paul Maurice. illus Interavia 35:931-935 Oct '80

Impressive is word for Boeing's 747. Jay Miller. illus AF Times 40:16 Mar 3 '80

An interim solution (C-141B). Jay Miller. illus AF Times 40:24 May 26 '80

767--Boeing's next world-beater. Klaus Regelin. illus tabs Interavia 35:678-686 Aug '80

History

(Jet engines, jet aircraft, and in-flight refueling) Jay Miller. illus AF Times pt 1, 41:23 Sep 8 '80; pt 2, 41:28 Sep 15 '80

AIRPLANES, TRANSPORT (SUPERSONIC)United States

Return of the American SST. Walter B. Hendrickson, Jr. illus tab Natl Def 65:32-33 Dec '80

AIRPLANES, V/STOLSee also

Advanced Medium Short Takeoff and Landing Transport

V/STOL at the crossroads. Derek Wood. illus tab Interavia 35:539-541 Jun '80

Engines

Engine companies collaborate on Pegasus, V/STOL. MarCor Gaz 64:6 Jul '80

Landing and Takeoff

Barges, ramps, and V/STOL. Laurie Rackas and John C. Scharfen. illus tab MarCor Gaz 64:20-21 Sep '80

The Harrier Ski-Jump gets off the ground. Henry Stanhope. illus Mil Engr 72:34-36 Jan-Feb '80

Takeoff

See Airplanes, V/STOL--Landing and Takeoff

Great Britain

A dispersal concept for future V/STOL aircraft in RAF Germany. WgComdr J.S. Jones. Hawk No.40: 39-45 Feb '80

The Indian Navy gets its Sea Harrier. Pushpinder Singh. illus Asian Def J No.2:39+ Mar-Apr '80

Sea Harrier status report. Paul Maurice. illus Intl Def Rev 13, No.6:865-866 '80

A successor to the Sea Harrier? Comdr M. Forrest. illus RUSI J for Def Studies 125:34-39 Mar '80

UK puts off Av-8B/Mk 5 Harrier choice. Intl Def Rev 13, No.7:983 '80

India

The Indian Navy gets its Sea Harrier. Pushpinder Singh. illus Asian Def J No.2:39+ Mar-Apr '80

Russia

The competition: AN-72 Coaler. illus MAC Flyer 27:16-17 Apr '80

United States

Harrier: The Cherry Point connection. David Harvey. illus Def & For Aff 8, No.9:17-20+ '80

Missions for V/STOL aircraft. CDR Robert A. Weatherup, Ret. illus tab US Nav Inst Proc 106:111-112 Jul '80

UK puts off AV-8B and Harrier Mk 5 choice. Interavia 35:749-750 Sep '80

V/STOL--asking the right questions. CDR Robert C. Powers. illus Mil Engr 72:388-392 Nov-Dec '80

The "X" Wing and the circulation control rotor. LtCol William D. Siuru, Jr. illus US Nav Inst Proc 106: 115-116 Jul '80

(XV-15) takes off straight up, then flies horizontally. Jay Miller. illus AF Times 40:23 Mar 10 '80

AIRPLANES IN AGRICULTURE

Agricultural aviation medicine in the Soviet Union. S.R. Mohler. illus Aviation, Space & Envmt Med 51:515-517 May '80

AIRPLANES IN AGRICULTURE - Continued

Heat stress exposure of aerial spray pilots. Bruce Gribetz and others. tabs Aviation, Space & Envmt Med 51:56-60 Jan '80

AIRPLANES IN BUSINESS

Dassault Mystere-Falcon 50. illus Aerosp Intl 16: 22-24+ Sep-Oct '80

GenAv avionics: Towards the 'glass cockpit.' Chris Bulloch. illus Interavia 35:819-822 Sep '80

The Mitsubishi Diamond I--what are its chances on the current market? Marc Grangier. illus tab Interavia 35:129-130 Feb '80

The 33d NBAA Show (Kansas City, Sep 23-25, 1980). illus Interavia 35:980-982 Nov '80

Characteristics

The business jets: Workhorses or luxury items? Erhard Heckmann. illus tab Aerosp Intl 16:48-50 Mar-Apr '80

History

The Spartan Executive. Peter Berry. illus tabs Am Avn Hist Soc J 25:145-153 Summer '80

AIRPLANES IN FIRE FIGHTING

(Air) Reserve forces prepare 'flying fire trucks' for duty out west. illus Officer 56:15 Nov '80

AIRPLANES IN PATROL WORK

Choosing civil maritime patrol aircraft--it isn't all that simple. J. Philip Geddes. illus Interavia 35: 147-149 Feb '80

Coastguarder: The effective way of guarding coastal waters. Doug Richardson. illus Aerosp Intl 16:32+ May-Jun '80

Fokker's Maritime patrol aircraft wins orders in S.E. Asia. Brian Walters. illus Asian Def J No.5 99+ Sep-Oct '80

HMS Invincible accepted into the Royal Navy. Col Norman L. Dodd. illus Asian Def J No.3:130-131 May-Jun '80

Maritime air patrol versus the submarine. AVM G.C. Cairns. illus NATO's Fifteen Nations 25:57-59 Apr-May '80

Special mission aircraft: Gates Learjet. illus tab Asian Def J No.3:90-92 May-Jun '80

UK civil maritime air operations. Derek Wood. illus map Interavia 35:152-154 Feb '80

AIRPLANES IN RESCUE WORK

Fokker's Maritime patrol aircraft wins orders in S.E. Asia. Brian Walters. illus Asian Def J No.5: 99+ Sep-Oct '80

The good Samaritans. illus Aerosp Safety 36:20-22 Apr '80

The Institute of Navigation Superior Achievement Award (presented to Capt Terry N. Mayer). illus Navigator 27:10-11 Winter '80

Special mission aircraft: Gates Learjet. illus tab Asian Def J No.3:90-92 May-Jun '80

UK civil maritime air operations. Derek Wood. illus map Interavia 35:152-154 Feb '80

AIRPORTSSee alsoHeliports

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in some issues of MAC Flyer

Panel (Aerospace Medical Assoc, Anaheim, CA, May 12-15, 1980): The modern view of airport disaster medical management. Alex C. Webb and others. illus tabs map Aviation, Space & Envmt Med 51:1256-1269 Nov '80

Equipment

Passengers handling equipment. Manfred Momberger. illus Aerosp Intl 15:14+ Oct-Nov '79

Exhibitions

Airport equipment exhibitions--a market in search of a shop-window. Manfred Momberger. illus Aerosp Intl 16:67-68 Sep-Oct '80

Airport '79 shows expanding business. Yves Robins. illus Aerosp Intl 15:32-33+ Oct-Nov '79

Inter Airport Expo '80. illus Asian Def J No.6:126-127 Nov-Dec '80

Exhibitions

Inter Airport Expo '80. illus Asian Def J No.6:126-127 Nov-Dec '80

Fires and Fire Prevention

Airport fire fighting vehicles. illus Aerosp Intl 16:44+ Nov-Dec '80

Landing Aids

Visibility, safety and you. MSgt Frederick N. Rottet. illus Aerosp Safety 36:10-11 May '80

Africa

African airports. Manfred Momberger. illus Aerosp Intl 16:4-5+ Nov-Dec '80

France

Paris Airport--worldwide. illus Aerosp Intl 16:52 May-Jun '80

Great Britain

UK: The most expensive place to land. Paul Maurice. illus map tab Interavia 35:332-333 Apr '80

Middle East

Middle East airports. Manfred Momberger. illus Aerosp Intl 15:20-22+ Oct-Nov '79

Third World

Airport construction in the Third World--a look at the problems. Marc Grangier. illus map Interavia 35: 507-514 Jun '80

United States

Accreditation (by American Assoc of Airport Executives) raises professionalism in municipal airport management. Adele C. Schwartz. Govt Exec 12: 36-37 Jun '80

State agency (Baltimore-Washington International Airport) dives into private sector marketing. Adele C. Schwartz. illus Govt Exec 12:32-34 Dec '80

AIRSHIPS

See also
Balloons

MATASS: A Moored Airship Towed Array Sonar System. CAPT Franklin D. Buckley, Ret. illus tab US Nav Inst Proc 106:124-127 Mar '80

History

The decommissioned USS Los Angeles. William F. Althoff. illus Am Avn Hist Soc J pt 1, 1932-1940. 23:103-111 Summer '78; pt 2, Material condition and dismantling. 25:29-41 Spring '80

AIRSICKNESS see Motion Sickness

AIRSPACE

ADA (Air Defense Artillery) in the heavy division--a new concept of employment. LtCol Domenic P. Rocco, Jr. illus Air Def Mag, pp 30-33, Apr-Jun '80

Attack helicopter support of the division. Capt Terry R. Council. illus Air Def Mag, pp 16-18, Oct-Dec '80

Getting to the fix on time. Capt Paul T. Shorrock. illus Combat Crew 30:16-17 May '80

A lesson in defensive flying. Maj James G. Gibson II. illus MAC Flyer 27:10-11 May '80

RNAV (aRea NAVigation)--the changing environment. Maj Jimmy N. Lane. illus Combat Crew 30:8-9+ Feb '80

Reliable Shield--9th Infantry Division airspace management. Maj Herbert B. Long. illus Air Def Mag, pp 24-29, Apr-Jun '80

AIRSPEED see Air-Speed

AIRWAYS

Watch your tracks. illus MAC Flyer 27:8-10 Nov '80

ALASKA

Arctic soldiers (of the Alaska Army National Guard). Bill Mack. illus Soldiers 35:10-14 Mar '80

Assignment: Eielson (AFB, AK). Capt Ron Bullard. illus Combat Crew 30:6-7+ Feb '80

In Alaska ... COLA is a way of life. Elinor E. Matis. illus AF Compt 14:34-36 Jan '80

North to Alaska. (Alaskan aerial survey expedition, 1928) ADM Arthur W. Radford, Ret. illus US Nav Inst Proc 106:78-83 Sep '80

Trials on the Iditarod Trail. (AF Maj Terry Adkins, veterinarian, races in the Iditarod Trail Sled Dog Race) MSgt George W. Crawford. illus Airman 24: 24-29 Aug '80

Why Alaska is case-in-point of 'no growth' Federal energy policy. illus tab Govt Exec 12:36-37 Aug '80

ALASKAN AIR COMMAND

Alaskan Air Command. illus chart AF Mag 63:76-77 May '80

Jack Frost '79. Capt Patrick M. Coullahan and CMSgt Robert B. Wertman. illus AF Engrg & Svcs Qtr 21:6-8 Aug '80

ALBERT F. SIMPSON HISTORICAL RESEARCH CENTER

Albert F. Simpson Historical Research Center. AF Mag 63:130 May '80

ALCOHOL AND ALCOHOLISM

Alcohol abuse affecting work? TIG Brief 32:9 Nov 28 '80

Alcohol often ignored as villain in mishaps. Don Mace. AF Times 40:2 Apr 28 '80

CMA: Blood tests can be ordered for drinkers. Don Mace. AF Times 41:2 Nov 17 '80

Clubs could lose booze \$\$\$. Andy Plattner. AF Times 40:1+ Feb 25 '80

Commands can return ex-drinkers to flying. AF Times 40:46 Apr 21 '80

Drugs, alcohol, and PRP (Personnel Reliability Program). TIG Brief 32:5 Jun 27 '80

Drunk at 15. Don Mace. illus AF Times 40:39 Apr 28 '80

Effect of alcohol ingestion on man's thermoregulatory responses during cold water immersion. T. Graham and K. Baulk. tabs Aviation, Space & Envmt Med 51:155-159 Feb '80

Effect of alcohol on man's response to mild physical activity in a cold environment. T. Graham and J. Dalton. tabs Aviation, Space & Envmt Med 51: 793-796 Aug '80

Just another Saturday. illus Soldiers 35:34-35 Nov '80

Performance effects of alcohol intoxication and hangover at ground level and at simulated altitude. William E. Collins. tabs Aviation, Space & Envmt Med 51:327-335 Apr '80

Residual effects of alcohol on aircrew performance. Leon M. Wise. (Reprinted from SAFE Journal, Summer 1980) illus Aerosp Safety 36:16-19 Sep '80

Sauce. Maj A. T. Hadley III. illus USA Avn Dig 26: 38-39 Jun '80

Statistics

DOD study: AF lowest in drug use. Paul Smith. tabs AF Times 41:1+ Dec 15 '80

ALERT SYSTEMS

See also
Warning Systems

Air defense radars--solutions from Selenia. Gowri S. Sundaram. illus Intl Def Rev 13, No. 1:67-69 '80

ALL-TERRAIN VEHICLES

APE--more than a scout vehicle. Hasso Erb. illus tabs Armada Intl 4:78+ Jan-Feb '80

All-terrain vehicles--the workhorses in military transports. Hasso Erb. illus tab Armada Intl 4: 32-34+ May-Jun '80

Saurer launches new off-road vehicles. illus Intl Def Rev 13, No. 2:277 '80

Where no man treads--the Bandwagon will go. Felix Müller. illus tab Armada Intl 4:20+ May-Jun '80

ALL-WEATHER FLYING

Coordination above the combat zone ... and we will be capable of winning in any weather condition day or night! Maj William E. Coleman and Jack H. McCracken. illus USA Avn Dig 26:45-48 Jul '80

ALLEN, Lew, Jr

AFA Convention address. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Nov '80

AFIT education: Cornerstone of Air Force technical excellence. (Presentation, 60th anniversary, Air Force Institute of Technology, Wright-Patterson AFB, OH, Nov 17, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:2-6 Jan '80

Air Force spoken here. (AF's Chief of Staff has a varied and complete background) LtCol Terry A. Arnold. por biog Airman 24:26-31 May '80

'Buck stop' program should aid retention. Interview. Gen Lew Allen, Jr. por AF Times 40:3 Jan 14 '80

(Gen) Allen takes firm issue with sexual harassment. Len Famiglietti. AF Times 40:3 Apr 21 '80

A growing awareness. Gen Lew Allen, Jr. por AF Mag 63:66-69 Nov '80

The premium on quality. Gen Lew Allen, Jr. por AF Mag 63:82 Sep '80

Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:2-35 Mar '80

Retention main problem. Gen Lew Allen, Jr. AF Times 40:3 Feb 18 '80

USAF leaders see greater 'likelihood of war.' Sea Power 23:16-18 Aug '80

USAF's goals in the 1980s. Interview. Gen Lew Allen, Jr. por AF Mag 63:44-49 Aug '80

USAF's responsibilities in the '80s. Gen Lew Allen, Jr. por AF Mag 63:62-64 May '80

The United States Air Force and NATO. Gen Lew Allen, Jr. NATO's Fifteen Nations Special Issue No. 2:84+ '79

ALLIANCES see Treaties and AlliancesALLIED AIR FORCES, CENTRAL EUROPE see Allied Forces, Central EuropeALLIED AIR FORCES, SOUTHERN EUROPE see Allied Forces, Southern EuropeALLIED COMMAND ATLANTIC

An appraisal of the Standing Naval Force Atlantic. LtComdr M.J. Fisher. illus US Nav Inst Proc 106: 107-108 Nov '80

The Iberian Atlantic Area Command. Christian Elliot. illus map NATO's Fifteen Nations 24:68-69 Oct-Nov '79

SACLANT Antisubmarine Warfare Research Centre. Basil W. Lythall. illus NATO's Fifteen Nations 25: 60-62 Apr-May '80

ALLIED COMMAND EUROPESee also

Allied Forces, Central Europe
Allied Forces, Northern Europe
Allied Forces, Southern Europe

Command and control--some ACE aspects. AVM P.R. Mallorie. illus NATO's Fifteen Nations 24: 24-26+ Oct-Nov '79

Exercise Anorak Express. illus NATO's Fifteen Nations 25:86-87 Apr-May '80

4 E-3As in Europe (to monitor Soviet and Warsaw Pact military activities around Poland). AF Times 41:6 Dec 29 '80

NATO C³ issues. Gen Bernard W. Rogers and others. illus Signal 35:9-10+ Dec '80

United we stand: Allied Command Europe Mobile Force (Land). illus map NATO's Fifteen Nations 25:84-85 Apr-May '80

ALLIED FORCES, CENTRAL EUROPE

The Belgian Air Force. LtGen M. de Smedt. illus NATO's Fifteen Nations Special Issue No. 2: 38-40 '79

The Canadian Armed Forces: Air Command. LtGen G.A. Mackenzie. illus NATO's Fifteen Nations Special Issue No. 2:42+ '79

In NATO's front line--U.S. air defense in Germany. Mark Lambert. illus chart Interavia 35:915-919 Oct '80

The Luftwaffe. LtGen F. Obleser. illus NATO's Fifteen Nations Special Issue No. 2:56-58+ '79

NATO air operations in the Central Region: Can we meet the threat? Gen John W. Pauly. illus NATO's Fifteen Nations Special Issue No. 2:28+ '79

The Portuguese Air Force and NATO. LtGen José Lemos Ferraira. illus NATO's Fifteen Nations Special Issue No. 2:76-77 '79

The Royal Air Force. ACM Michael Beetham. illus NATO's Fifteen Nations Special Issue No. 2: 80-82 '79

The Royal Netherlands Air Force. LtGen M.G. Geschiere. illus NATO's Fifteen Nations Special Issue No. 2:68+ '79

Tackling tactics together. (Pilots from central European nations learn to work together at the Tactical Leadership Program, Jever AB, Ger) Capt Katie Cutler. illus Airman 24:43-48 Dec '80

United Kingdom AIR Forces (UKAIR). ACM David Evans. illus NATO's Fifteen Nations Special Issue No. 2:18+ '79

The United States Air Force and NATO. Gen Lew Allen, Jr. illus NATO's Fifteen Nations Special Issue No. 2:84+ '79

ALLIED FORCES, NORTHERN EUROPE

Marine air operations in northern Europe. Maj Robert J. O'Rourke. illus tab US Nav Inst Proc 106: 53-59 Nov '80

The Royal Danish Air Force. MajGen Niels Holst-Sørensen. illus map NATO's Fifteen Nations Special Issue No. 2:46-47+ '79

ALLIED FORCES, NORTHERN EUROPE - Continued

The Royal Norwegian Air Force. MajGen Ingar T. Narvhus. illus NATO's Fifteen Nations Special Issue No.2:72+ '79

Tactical air power considerations in the Northern Region. LtGen J. Brodersen. illus tabs NATO's Fifteen Nations Special Issue No.2:24-27 '79

ALLIED FORCES, SOUTHERN EUROPE

Allied Forces Southern Europe. Harold E. Shear. map illus chart NATO's Fifteen Nations 24:49-52 Dec '79-Jan '80

The Italian Air Force. Gen Alessandro Mettimano. illus NATO's Fifteen Nations Special Issue No.2:63+ '79

The Turkish Air Force and its progress. Gen Tahsin Sahinkaya. illus NATO's Fifteen Nations Special Issue No.2:78-79 '79

The winged lion (Allied Air Forces Southern Europe) LtGen Devol Brett. illus NATO's Fifteen Nations Special Issue No.2:34-36 '79

ALLIED LAND FORCES, SOUTHEASTERN EUROPE
see Allied Forces, Southern EuropeALLIED MILITARY IN THE U. S.

See also
Exchange Programs, Military

Education and Training

New Saudi NCOs getting taste of life in America (at Lackland AFB, TX). AF Times 41:8 Oct 27 '80

192 Iranians quit (AF) training. AF Times 40:18 Apr 21 '80

Shaw (AFB, SC) turns out German RF-4 pilots. AF Times 40:35 Apr 21 '80

ALTIMETERS

Rescue reversal. illus MAC Flyer 27:14-15 Jul '80

ALTITUDE, INFLUENCE OF

See also
Aviation--Physiological Aspects

Body fluid compartments in humans during acute high-altitude exposure. S. C. Jain and others. tabs Aviation, Space & Envmt Med 51:234-236 Mar '80

Evaluation of an acute mountain sickness questionnaire: Effects of intermediate-altitude staging upon subjective symptomatology. D. A. Stamper and others. illus tabs Aviation, Space & Envmt Med 51:379-387 Apr '80

Intravascular hemolysis in acute mountain sickness. Raymond E. Lovlin and others. illus Aviation, Space & Envmt Med 51:271-272 Mar '80

Respiratory gas exchange during positive pressure breathing and rapid decompression to simulated altitudes of 18.3 and 24.4 km. D. E. Holness and others. tabs Aviation, Space & Envmt Med 51:454-458 May '80

ALTITUDE FLYING

See also
Flight, Low-Altitude

ALTITUDE FLYING - ContinuedHistory

The man (Maj Rudolph "Shorty" Schroeder) with the frozen eyeballs (1920). Hal Craven. illus Translog 11:7-8 Feb '80

ALUMINUM see Metals

AMATEUR RADIO OPERATORS (HAMS) see Radio Operators

AMBUSH see Surprise in Warfare

AMERICAN DEFENSE PREPAREDNESS ASSOCIATION

(ADPA) Defense Preparedness Meeting, 1980 (62d, Quantico MCB, VA, Oct 2). illus Natl Def 65:66-67+ Dec '80

(1980 American Defense Preparedness Assoc Annual Meeting, Washington, April 16-17, 1980) illus Natl Def 65:51-55+ Aug '80

Directories

Partners in preparedness. illus Natl Def 64:62-103+ Jun '80

AMERICAN INDIANS

Navajo SOS. SMSgt Gus Vinas. illus Air Reservist 32:19+ May '80

Sandstone Samaritans. (Reservists administer a battery of medical tests and physical examinations to native Americans in Utah) Capt Calvin N. Andrus. illus Air Reservist 32:8-9 Apr '80

Trails. (American Indians comprise 2.3 percent of the civilian work force at Tinker AFB, OK) Sgt Craig Pugh. illus Airman 24:21-26 Feb '80

History

Infantry in the Indian Wars (1866-1890). MSgt Patrick E. Andrews, Ret. illus Infantry pt 1, 70:28-32 Jul-Aug '80; pt 2, 70:37-41 Sep-Oct '80

Special forces of the Plains. (Solomon Avengers, Army scouts against the Indians, 1868) Michael L. Starr. illus Army 30:43-45+ Feb '80

AMERICAN LOGISTICS ASSOCIATION

ALA's Convention (San Francisco, Oct 28-31, 1979): Forecast of the eighties. illus Review 58:27-29+ Jan-Feb '80

Perspectives on progress. (Interview with ALA President Robert L. Riebow) illus Review 58:18-20+ Jan-Feb '80

AMERICAN ORDNANCE ASSOCIATION see American Defense Preparedness Association

AMERICAN SOCIETY OF MILITARY COMPTROLLERS

1980 (American Society of Military Comptrollers) national award winners. Armed Forces Compt 25:21 Aug '80

AMERICANS IN FOREIGN COUNTRIES

Merhaba, Merzifon. (Colorado Air National Guard deployed units to Turkey after orientation in language and culture taught by Air Force Academy faculty members) Capt Katie Cutler. illus Airman 24:2-7 Mar '80

AMERICANS IN FOREIGN COUNTRIES - Continued

Protection of Air Force personnel abroad from acts of terrorism. TIG Brief 32:7 May 16 '80

32 AF members in foreign jails. AF Times 40:18 Apr 21 '80

AMMUNITION

Ammunition in modern warfare. illus Armada Intl 4: 64-65+ Sep-Oct '80

Ammunition resupply. Capt Thomas G. Pratch. illus tabs Armor 89:16-19 Jan-Feb '80

Ammunition surveillance. John S. Crossette. illus Army Log 12:6-8 May-Jun '80

The armoured M109 ammunition delivery system. illus (Also cutaway) tab Intl Def Rev 13, No. 2: 241-242 '80

Fire support for combat units--a problem which had only been partially resolved. illus NATO's Fifteen Nations 25:42-43 Feb-Mar '80

Kinetic energy penetrators versus armor. Joseph E. Backofen, Jr. illus tabs Armor 89:13-17 Mar-Apr '80

The 120-mm tank gun and its ammunition--prospects for further performance improvements. Raimund Germershausen. illus tab Intl Def Rev 13, No. 6: 899-901 '80

Positive identification of ammunition. TIG Brief 32:16 Jan 11 '80

Review of site plans for ammunition and explosives facilities. TIG Brief 32:15 Jun 27 '80

The spectre of Isandhlwana. Capt John R. Drebus. illus Armor 89:28-29 Sep-Oct '80

Toward standardizing conventional ammunition. Edward J. Jamieson. illus tab Army Log 12:28-31 Nov-Dec '80

Towed artillery on future battlefields. Felix Müller. illus Armada Intl 4:6-8+ Mar-Apr '80

Turrets, guns and ammunition. Emile Pettecks-Snider. illus Asian Def J No. 6:132-133+ Nov-Dec '80

Winchester goes to war. Edwin Pugsley. illus Natl Def 65:56-57+ Oct '80

AMPHIBIOUS FORCES

Asian amphibians: The Royal Thai Marine Corps. Maj Barry M. Broman. illus US Nav Inst Proc 106: 33-41 Nov '80

Soviet naval infantry. Andrew W. Hull. illus tab MarCor Gaz 64:65-70 Jul '80

The U.S. Marine Corps: Strategy for the future. LtCol William M. Krulak. illus US Nav Inst Proc 106:94-105 May '80

AMPHIBIOUS OPERATIONS

Across or along: Soviet amphibious options in North-western Europe. (Is a joint NATO Marine Corps needed?) Alexander K. Maconochie. illus map US Nav Inst Proc 106:46-50 Apr '80

Amphibious deficiencies--the Navy's 'ostrich acts.' LCDR Carl Douglas. illus tabs MarCor Gaz 64: 39-48 Sep '80

AMPHIBIOUS OPERATIONS - Continued

Combined amphibious operations in northern Europe. LtCol Joseph H. Alexander. illus US Nav Inst Proc 106:26-32 Nov '80

Exercise Display Determination '79. LtCol J.J.W. Hilgers. illus MarCor Gaz 64:64-73 May '80; Another view. Capt Andrew J. Franklin. 64:16-17 Aug '80

From bayou to beachhead: The Marines and Mr. Higgins. Maj John W. Mountcastle. illus tabs Mil Rev 60:20-29 Mar '80

Headlong down the road to extinction. Maj A.C. Bevilacqua. illus MarCor Gaz 64:43-48 Jan '80

MacArthur as maritime strategist. Clark G. Reynolds. illus Nav War Col Rev 33:79-91; Comments. Stanley L. Falk. 33:92-99; Commentary. Gerald E. Wheeler. 33:99-102 Mar-Apr '80

A somber picture of U.S. readiness--but a bright picture of the caliber of military personnel. MajGen Alfred Gray, Jr. Officer 56:11 Apr '80

The U.S. Marine Corps: Strategy for the future. LtCol William M. Krulak. illus US Nav Inst Proc 106:94-105 May '80

We lack enough naval gunfire. LtCol T.H. Harvey, Jr. illus MarCor Gaz 64:19-21 Mar '80

Where does U.S. Marine Corps go from here? RADM John B. Johnson. illus Officer 56:16-17 Feb '80

History

The Dieppe Raid--an act of diplomacy. LtCol Daniel J. Webb. illus Mil Rev 60:30-37 May '80

Tarawa--lest we forget. LtCol Richard G. Brown. illus MarCor Gaz 64:46-50 Nov '80

AMPHIBIOUS VEHICLES

APCs in battle. Col V. Buyar. illus Soviet Mil Rev No. 10:24-26 Oct '80

APE--more than a scout vehicle. Hasso Erb. illus tabs Armada Intl 4:78+ Jan-Feb '80

Air cushion vehicle (Amphibious Assault Landing Craft) most impressive in operational tests in Florida. illus MarCor Gaz 64:4 Jan '80

LVT-7A1 status report. Maj Alfred D. Bailey. illus tab US Nav Inst Proc 106:103-106 Jun '80

Preparing tanks for underwater driving. Col R. Ivanov. illus Soviet Mil Rev No. 3:29-30 Mar '80

What the future holds for assault amphibians. Maj K. T. Brunsvold. illus MarCor Gaz 64:59-63 Mar '80

AMPHIBIOUS WARFARE see Amphibious OperationsAMPHIBIOUS WARFARE SHIPS

Amphibious deficiencies--the Navy's 'ostrich acts.' LCDR Carl Douglas. illus tabs MarCor Gaz 64: 39-48 Sep '80

Final LHA joins sister ships in fleet: USS Peleliu. illus MarCor Gaz 64:4 Jun '80

Maritime prepositioning: Long term solution--MPS (Maritime Prepositioning Ships). Col Eugene E. Shoults. illus tab MarCor Gaz 64:57-59 Aug '80

AMPHIBIOUS WARFARE SHIPS - Continued

Maritime prepositioning: Near term fix--NTPS (Near Term Prepositioning Ships). Col R.A.Sulik. illus MarCor Gaz 64:52-56 Aug '80

The U.S. Navy's LHA program. Konrad Alder. illus tab Armada Intl 4:80+ May-Jun '80

AMPLIFIERS

Log amplifiers balance IF and RF signals for radar and ECM receivers. M.Parkyn. illus tabs Def Elect 12:84-88 Dec '80

ANDERSON, John B.

Anderson would raise pay and kill up-or-out. Laurie Parker. AF Times 41:8 Sep 29 '80

Reagan, Anderson voice views on pay, manpower. por AF Times 41:14 Oct 6 '80

ANDREWS, Frank M.

Airpower pioneers: LtGen Frank M. Andrews. LtGen Ira Eaker, Ret. por AF Mag 63:102-104 Sep '80

ANGOLA

Rhodesia's settlement: Conflict turns Southward. Def & For Aff 8, No. 1:20-21 '80

The Soviet-Cuban intervention in Angola. Jiri Valenta. illus map US Nav Inst Proc 106:51-57 Apr '80

ANIMALSSee also

Dogs

The MAC Ark. Charles W. Dickens. illus Airlift Ops Rev 2:27-29 Jul-Sep '80

Survival: May be a snare (for animals). SSgt James E. Marisch. illus Aerosp Safety 36:12-13 Sep '80

ANIMALS IN RESEARCH

Effect of simulated weightlessness on the immune system in rats. Linda D. Caren and others. illus tabs Aviation, Space & Envmt Med 51:251-255 Mar '80

The respiratory response to microwaves. C.O. Criborn and C.-J. Clemenson. illus tabs Aviation, Space & Envmt Med 51:1139-1143 Oct '80

Retinal changes in rats flown on Cosmos 936: A cosmic ray experiment. Delbert E. Philpott and others. illus Aviation, Space & Envmt Med 51:556-562 Jun '80

Rocket plume burn hazard. A.M. Stoll and others. illus tabs Aviation, Space & Envmt Med 51:480-484 May '80

ANNAPOLIS, MD, NAVAL ACADEMY see Naval Academy, Annapolis, Md

ANTARCTIC REGIONS

South for the winter. Capt James P. Coe. illus MAC Flyer 27:8-11 Mar '80

ANTENNAS

CCAMS (Computer-Controlled Antenna Measurement System) provides major improvement to B-52 ECM system simulation test facility. William L. Jan-ning. illus Def Elect 12:69-70+ Oct '80

Designing a broadband phased array antenna suitable for use in ECM systems. Lars Josefsson. illus tabs Def Elect 12:85-86+ Feb '80

ELF (Extremely Low Frequency): To communicate with a submerged submarine. Edward L. Beach. illus Def Elect 12:54+ Apr '80

To see and not be seen--that is the problem. illus Def Elect 12:78+ Oct '80

Maintenance and Repair

The quiet people. (Antenna repairmen) Sgt Lisa M. Ehrler. illus Airman 24:15-17 Mar '80

ANTI-AIRCRAFT ARTILLERY see Artillery, Anti-aircraft

ANTI-AIRCRAFT MISSILES see Missiles, Anti-aircraft

ANTIBALLISTIC MISSILES see Missile Defense

ANTIMILITARISM see Militarism

ANTISATELLITE MISSILES see Missiles, Antisatellite

ANTISHIP MISSILES see Missiles, Antiship

ANTISUBMARINE WARFARESee also

Submarine Warfare

ASW for the 1980s. CAPT Andrew C.A. Jampoler. illus US Nav Inst Proc 106:118-119 Mar '80

ASW--is the U.S. lead slipping as Russia begins to challenge the last frontier of U.S. naval supremacy? illus Armed Forces J Intl 117:46-47 Apr '80

ASW programs move ahead with first Seahawk flight--Orion also passes major milestone. James D. Hessman. illus Sea Power 23:13 Jan '80

ASW strategy: Issues for the 1980s. LT David Templeton Easter. illus US Nav Inst Proc 106:34-41 Mar '80

ASW--the key to sea control. Gowri S. Sundaram. illus Intl Def Rev 13, No. 3:367-376 '80

Control of the eastern seaways. Derek Wood. illus Interavia 35:44-46 Jan '80

Future antisubmarine weapons. Thomas B. Buell. illus US Nav Inst Proc 106:104-106 Nov '80

A good new idea. CAPT Gerald G.O'Rourke, Ret. illus US Nav Inst Proc 106:42-47 Mar '80

HMS Invincible accepted into the Royal Navy. Col Norman L. Dodd. illus Asian Def J No. 3:130-131 May-Jun '80

Joint surveillance of northern coastline. Capt Nico van Dam, Ret. illus tab Interavia 35:38-39 Jan '80

ANTISUBMARINE WARFARE - Continued

Maritime air patrol versus the submarine. AVM G.C.Cairns. illus NATO's Fifteen Nations 25:57-59 Apr-May '80

Missiles make ASW a new game. CAPT William J. Ruhe, Ret. illus US Nav Inst Proc 106:72-75 Mar '80

Ocean control: U.S. "hydroacoustic anti-operations." Norman L.Stone. illus Mil Elect/Countermeasures 6:24-26 Jan '80

Patrolling the northern territories. David Godfrey. illus Interavia 35:34-35 Jan '80

RDSS (Rapidly Deployable Surveillance System): New ASW system that will use air-droppable sensors. illus Def Elect 12:33 Aug '80

The Royal Navy's Type 22 frigate. R.B.Pengelly. illus tab Intl Def Rev 13, No.1:70-74 '80

SACLANT Antisubmarine Warfare Research Centre. Basil W.Lythall. illus NATO's Fifteen Nations 25:60-62 Apr-May '80

SOSUS (SOund Surveillance System) and U.S. ASW tactics. Norman Friedman. map US Nav Inst Proc 106:120-123 Mar '80

Seek and ye shall find: U.S. ASW forces in the 1980s. Charles N.Dragonette. illus Sea Power 23:18-20+ Oct '80

Sting Ray--a new British lightweight torpedo. R.B. Pengelly. illus Intl Def Rev 13, No.5:755-757 '80

Technology, ASW, and the Coast Guard. LCDR Bruce B.Stubbs and LT Richard R.Kelly. illus US Nav Inst Proc 106:29-35 Oct '80

To convoy or not to convoy. CDR William F.Mellin. illus US Nav Inst Proc 106:48-54 Mar '80

The torpedo in the world of antisubmarine and anti-surface warfare. Banks Chamberlin. illus Armed Forces J Intl 117:60-62 May '80

The twelve days of the England (1944). CAPT John A. Williamson, Ret and William D.Lanier. illus map US Nav Inst Proc 106:76-83 Mar '80

The underwater missiles. Stefan Geisenheyner. illus tab Asian Def J No.6:37-41+ Nov-Dec '80

ANTITANK WEAPONS see

Armored Warfare
Artillery, Antitank
Missiles, Antitank

APPROPRIATIONS AND EXPENDITURESAir Force--U.S.

AF seeks people \$. Don Mace. AF Times 40:1+ Jan 21 '80

Bleak O&M picture: \$680 million needed for house-keeping. Don Mace. AF Times 40:18 Jan 28 '80

EM, family housing getting go-ahead. John Ginovsky. AF Times 41:7 Nov 24 '80

\$8B for aircraft, \$3B for missiles. AF Times 40:10 Feb 11 '80

FY 1981 Air Force budget in brief. MajGen George M. Browning, Jr. illus tabs AF Compt 14:10-13 Apr '80

APPROPRIATIONS AND EXPENDITURES - ContinuedAir Force--U.S. - Cont'd

Funds crunch said to harm AF mission. AF Times 40:4 Jan 7 '80

House approves \$4.5-M for Air Force evaluation of alternate EW jammer. Deborah M.Kyle. Armed Forces J Intl 118:18+ Nov '80

The key to readiness: O&M. LtGen Hans H.Driess-nack. illus tabs AF Mag 63:57-63 Oct '80

O&M (Operation and Maintenance) support--the orphan's orphan. Maj A.D.Bunger. illus AF Compt 14:18-20 Jan '80

U.S. firms up \$400-million UK Rapier buy; Congress likely to accelerate it. Deborah M.Kyle. illus Armed Forces J Intl 118:46 Sep '80

Armed Forces

Comparisons of defence expenditures 1975-1980. International Institute for Strategic Studies. Table only. AF Mag 63:131 Dec '80

Armed Forces--Great Britain

The British Statement on Defence Estimates. illus tabs Asian Def J No.4:78+ Jul-Aug '80

Budgeting for Defence. Arthur Hockaday. tabs RUSI J for Def Studies 124:3-10 Dec '79

The political economy of UK defence expenditure. Keith Hartley and Edward Lynk. tabs RUSI J for Def Studies 125:29-34 Mar '80

Armed Forces--Japan

Economics and defense: Japan's dilemma. Col Thomas H. Harvey, Jr. illus tabs Mil Rev 60:64-70 Jun '80

Armed Forces--Russia

Are the Soviets really outspending the U.S. on defense? Franklyn D.Holzman. tabs Intl Sec 4:86-104 Spring '80

Armed Forces--U.S.

Are the Soviets really outspending the U.S. on defense? Franklyn D.Holzman. tabs Intl Sec 4:86-104 Spring '80

Budget highlights for general purpose forces, strategic forces, airlift and sealift forces. tabs AF Times 40:10 Feb 11 '80

Carter gets benefits bills. Martha Lynn Craver. AF Times 41:1+ Dec 22 '80

Cutting behind the cutting edge. illus Def & For Aff 8, No.2:42-43 '80

\$ cuts would imperil programs. AF Times 40:4 Mar 24 '80

GAO report urges flexibility: Budget plans hurting recruiting. AF Times 41:47 Nov 3 '80

How many \$ changes didn't make it on Hill. Bruce Callander. AF Times 40:7 Feb 11 '80

'81 budget due \$1.4 billion cut. Paul Smith. AF Times 40:28 Apr 14 '80

Panel (House Armed Services Committee) asks new DOD rapport. AF Times 40:4 Feb 11 '80

APPROPRIATIONS AND EXPENDITURES - ContinuedArmed Forces--U.S. - Cont'd

Sen Tower sees quick pay boost. Laurie Parker. illus AF Times 41:1+ Nov 24 '80

U.S. military readiness--robbing Peter to pay Paul. Wayne A.Schroeder. illus tab Mil Engr 72:400-403 Nov-Dec '80

Why "precision guided munitions" is plural, not singular. C.W.Borklund. illus tab Govt Exec 12: 41+ Mar '80

Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80

Defense Dept--Great Britain

UK 1980/81 defense White Paper. illus Armada Intl 4:16-17 May-Jun '80

Defense Dept--Japan

Japanese 1980 defense budget and future R&D programs. Edward C.Ezell. illus tabs Intl Def Rev 13, No.3:340-344 '80

Defense Dept--U.S.

Accord on budget; raise still up in the air. Martha Lynn Craver. AF Times 40:1+ Jun 2 '80

B-52 replacement to include 'Stealth.' AF Times 41:6 Sep 29 '80

"Big 13" programs get 26% of hardware budget, 9% of total. Deborah G.Meyer. tab Armed Forces J Intl 117:26 Mar '80

Brown letter faults DOD (Defense authorization) bills. Harold Brown. AF Times 41:4 Aug 4 '80

Brown slows F-18 by 40% in FY '82-'83. Armed Forces J Intl 118:17+ Sep '80

Changing times: Congress and defense. Robert L. Bledsoe and Roger Handberg. tabs Armed Forces & Soc 6:415-429 Spring '80

College aid moves, pay raise stalled. Martha Lynn Craver. AF Times 40:1+ May 26 '80

Congress finally passes \$131.4-billion FY '80 defense budget. Deborah M.Kyle. Armed Forces J Intl 117:10+ Jan '80

Construction for FY '81 gets congressional OK. Paul Smith. AF Times 41:7 Oct 20 '80

The current budget battle. LtGen Ira C.Eaker, Ret. AF Times 40:19-20 Jun 9 '80

DOD budget add-ons = illusory growth: Hill increases military pay/benefits. Deborah M.Kyle. Armed Forces J Intl 117:10 May '80

DOD money bill good bet to pass. Paul Smith. AF Times 41:3 Nov 24 '80

DOD trying to cope with 16 percent inflation. Paul Smith. AF Times 41:6 Aug 11 '80

DOD wants \$\$ for (military operations in) Indian Ocean. AF Times 40:54 May 12 '80

DOD's C-X confusion. Armed Forces J Intl 118:14+ Sep '80

Dawn of a new strategic era? Edgar Ulsamer. AF Mag 63:49-54 May '80

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

Defense bill includes \$1200 in tuition aid. Martha Lynn Craver. AF Times 41:1+ Aug 18 '80

Defense budget preview: New shipbuilding plan announced. L. Edgar Prina. illus Sea Power 23: 32-35 Jan '80

Democrats, Republicans, and the defense budget: 1969-1980. Lawrence J.Korb. illus tabs Sea Power 23:34-38 Oct '80

FY 1981 and beyond: The Korb/AEI analysis. Lawrence J.Korb. illus Sea Power 23:32-35 Mar '80

The FY 1981 budget report. James D.Hessman and Ellen D.Bottiny. illus tab Sea Power 23:14-22 Feb '80

The FY 1981-85 defense program: Is a trillion dollars enough? Lawrence J.Korb. illus tab Nav War Col Rev 33:3-16 Mar-Apr '80

The FY 1981-1985 defense program: Issues and trends. Lawrence J.Korb. tabs AEI For Plcy & Def Rev 2, No.2: entire issue '80

Falcons, Eagle pilots to fly longer in '81. AF Times 41:3 Dec 8 '80

Fiscal year 1981 budget overview: \$158.7-billion worth of obsolete digits? Benjamin F.Schemmer. illus tabs Armed Forces J Intl 117:53+ Mar '80

\$5.1B increase asked for DOD. AF Times 40:3 Apr 28 '80

'Harsh world' is impetus in bigger budget. Eric C. Ludvigsen. illus tabs Army 30:26-33 Mar '80

Hill considers legislation to cut furniture \$\$. AF Times 40:3 Jul 14 '80

House OKs (FY 1981 Defense) budget, yearly CPI raise. AF Times 40:3 May 19 '80

House panel (Armed Services Committee) OKs 1981 defense (authorization) bill. AF Times 40:4 May 5 '80

House rejects '81 budget, but OKs defense money. AF Times 40:14 Jun 9 '80

House/Senate Conference Committee approves 14% hike in FY '81 defense (authorization) bill. Deborah M.Kyle. Armed Forces J Intl 118:10-11 Sep '80

In focus. Regular feature in issues of Air Force Magazine

MALT (Mileage Allowance in Lieu of Transportation)-plus travel \$\$ approved. Martha Lynn Craver. AF Times 41:3 Dec 15 '80

Medical budgets cut by \$18M. Paul Smith. AF Times 41:3 Sep 29 '80

Military overspending: A real present danger. tabs Def Monitor 9, No.7: entire issue '80

The new military budget: Throwing money at problems. tabs Def Monitor 9: entire issue Apr '80

The 1981 defense budget increase. Herschel Kanter. illus tabs Strat Rev 8:17-29 Spring '80

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

(Overall defense budget situation and concerns and goals in the area of comptrollership) (Address, American Society of Military Comptrollers, San Antonio, May 23, 1980) James T. McIntyre, Jr. illus Armed Forces Compt 25:5-7 Aug '80

Panel (House Armed Services Committee) asks big budget boost. Andy Plattner. AF Times 40:4 Mar 17 '80

Pay inadequacies, "delinkage" pose major 1980 budget issue. Deborah G. Meyer. Armed Forces J Intl 117:13-14+ Feb '80

The planks and the plankowners: Republican and Democratic defense platforms compared. L. Edgar Prina. illus Sea Power 23:26+ Oct '80

Playing games with the defense budget. L. Edgar Prina. Sea Power 23:11-12 May '80

'Present Danger' Committee calls for major defense hike. L. Edgar Prina. illus tab Sea Power 23:19-22 Jun '80

President signs Nunn-Warner. illus AF Times 41:2 Sep 22 '80

Presidential/congressional inaction leaves Pentagon budget in disarray. Deborah M. Kyle and Benjamin F. Schemmer. tab Armed Forces J Intl 118:11-12 Nov '80

The realities of discount-rate selection. Paul F. Hogan and CDR Lee S. Mairs. illus Def Mgt J 16: 24-27 Third Quarter '80

(Rep Robert N.) Giaino: Cut \$1 billion from DOD budget. Martha Lynn Craver. AF Times 40:1+ Mar 31 '80

Revisions up defense funds \$6.9B. AF Times 41:6 Aug 4 '80

SecDef Brown previews FY '81 defense budget: \$157.5-billion FY '81 budget = 5.6% real increase, \$142-b outlay. Deborah M. Kyle. tab Armed Forces J Intl 117:32-32a Jan '80

Senate approves 11% hike in FY '81 weapons bill; biggest buy ever. Deborah M. Kyle. tab Armed Forces J Intl 117:8+ Aug '80

Senate panel (Appropriations Committee) OKs DOD money bill. AF Times 41:3 Dec 1 '80

Senate ready to approve money resolution. AF Times 41:3 Oct 6 '80

Significant long-term increases in defense spending apparent in recent unprecedented congressional votes. Benjamin F. Schemmer. tabs Armed Forces J Intl 117:20-21+ Aug '80

Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 29, 1980) Harold Brown. AF Ploy Ltr for Comdrs: Sup, pp 2-14, Apr '80

\$35 billion more a year suggested. Don Mace. AF Times 41:3 Nov 24 '80

Three-fourths of FY '81-'85 DOD budget increases programmed for new hardware. Benjamin F. Schemmer. tab Armed Forces J Intl 117:26 Aug '80

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

12% increase in FY '81 defense budget; approved by House Armed Services Committee. Armed Forces J Intl 117:10+ May '80

\$200 M sought for B-52 replacement. Len Famiglietti. AF Times 40:3 May 12 '80

U.S. national defense structure. (Special almanac issue) illus tabs maps Defense/80; entire issue Jul '80

Washington defense outlook. illus tabs Armada Intl 4:64+ May-Jun '80

Navy--U.S.

Administration slides Navy ship construction program yet again. Benjamin F. Schemmer. tab Armed Forces J Intl 118:17 Sep '80

Budget plan promises new USNR ships, personnel stabilization. L. Edgar Prina. illus Sea Power 23: 34-36 Feb '80

Defense budget preview; New shipbuilding plan announced. L. Edgar Prina. illus Sea Power 23: 32-35 Jan '80

Defense spending increase includes big shipbuilding hike. L. Edgar Prina. illus Sea Power 23:34-36 Jul '80

The FY 1981 budget report. James D. Hessman and Ellen D. Bottiny. illus tab Sea Power 23:14-22 Feb '80

House panel (Seapower Subcommittee) adds two ships, \$2.2 billion, to '81 SCN. L. Edgar Prina. illus Sea Power 23:58-60 Apr '80

Major Navy weapons programs. Table only. Sea Power 23:18-19 Feb '80

Navy says FY '82-'86 budget won't buy planes or ships DOD has advertised. Benjamin F. Schemmer. Armed Forces J Intl 117:10+ Jul '80

Navy tells SecDef budget crunch will require slowing F-18 buys by 40-50%. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 117:19-21+ Jul '80

Navy's five year aircraft plan defers 55% of 1,212-plane buy to last two years. illus tab Armed Forces J Intl 117:41-43 Apr '80

New program decisions change FY '82 budget plan. illus Sea Power 23:22+ Sep '80

New shipbuilding and aircraft cuts mandated in FY 1982 budget plan. L. Edgar Prina. illus Sea Power 23:15-16 Aug '80

Same number of ships but less money in new FY 1981 Navy ship buy. Benjamin F. Schemmer. tab Armed Forces J Intl 117:18+ Feb '80

Surface fleet takes precedence in new five-year program. L. Edgar Prina. illus Sea Power 23:29-32 Mar '80

Reserve Forces--Air Force--U.S.

Improved readiness--more for the Reserves. AF Times 40:10 Feb 11 '80

ARMAMENT - ContinuedNATO - Cont'd

The two-way street: Views of Europe and the USA.
Steven Kline. illus NATO's Fifteen Nations 24:
22-25 Dec '79-Jan '80

United States

Low rate initial production of USAF conventional
munitions. Maj Wallace T. Bucher. illus tabs AF
J Log 4:23-30+ Fall '80

ARMED FORCESSee also

General Purpose Forces
Strategic Forces

also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Armed Forces--
U.S.

Officers--Armed Forces--U.S.
Promotion--Armed Forces--U.S.

Biography

Blind-flying's men of vision. Maj James G. Gibson II.
illus MAC Flyer pt 1, 27:12-15 Jan '80; pt 2, 27:
18-19 Feb '80

In memoriam. (Deceased members of the Iran rescue
team) illus Armed Forces J Intl 117:6+ Jun '80

Statistics

The Military Balance: 1979/80. International Institute
for Strategic Studies. illus tabs Aerosp Intl 15:
entire issue Dec '79-Jan '80; Asian Def J No. 1:
44-46+ Jan-Feb '80

The Military Balance: 1980/81. illus tabs Asian Def J
pt 1, The United States and the Soviet Union. No. 5:
62-63+ Sep-Oct '80; No. 6:94-96+ Nov-Dec '80

The Military Balance: 1980/81. International Institute
for Strategic Studies. illus tabs AF Mag 63:62-131
Dec '80

Afghanistan

'The Afghan Armed Forces--to the Soviet invasion
1980.' G. Jacobs. illus map tabs Asian Def J No. 6:
74-75+ Nov-Dec '80

Statistics

Afghanistan. International Institute for Strategic
Studies. Tables only. AF Mag 63:109 Dec '80

Africa

African militaries as foreign policy actors. Henry
Bienen. Intl Sec 5:168-186 Fall '80

Africa, NorthStatistics

The Middle East and North Africa. International Insti-
tute for Strategic Studies. illus tabs map AF Mag
63:90-96 Dec '80

Africa, Sub-SaharanStatistics

Sub-Saharan Africa. International Institute for Stra-
tegic Studies. illus tabs map AF Mag 63:99-102
Dec '80

ARMED FORCES - ContinuedAlbaniaStatistics

Albania. International Institute for Strategic Studies.
Tables only. AF Mag 63:87 Dec '80

AlgeriaStatistics

Algeria. International Institute for Strategic Studies.
Tables only. AF Mag 63:91 Dec '80

AngolaStatistics

Angola. International Institute for Strategic Studies.
Tables only. AF Mag 63:100 Dec '80

ArgentinaStatistics

Argentina. International Institute for Strategic
Studies. Tables only. AF Mag 63:116 Dec '80

AsiaStatistics

Other Asian countries and Australasia. International
Institute for Strategic Studies. illus tabs map AF
Mag 63:108-114 Dec '80

AustralasiaStatistics

Other Asian countries and Australasia. International
Institute for Strategic Studies. illus tabs map AF
Mag 63:108-114 Dec '80

Australia

Australia looks ahead in defense. Gregory Copley.
Def & For Aff 8:37 Oct '80

Australian defence news. Regular feature in some is-
sues of Asian Defence Journal

Statistics

Australia. International Institute for Strategic
Studies. Tables only. AF Mag 63:109 Dec '80

Austria

Area defence--Austria's security. Otto Roesch. illus
tab NATO's Fifteen Nations 25:43-44+ Jun-Jul '80

Austrian defence. illus NATO's Fifteen Nations 24:
70-71 Oct-Nov '79

Statistics

Austria. International Institute for Strategic Studies.
Tables only. AF Mag 63:87 Dec '80

BahrainStatistics

Bahrain: An image of stability, but an increasingly
uncertain reality. Armed Forces J Intl 118:60-61
Nov '80

ARMED FORCES - ContinuedBahrain - Cont'dStatistics - Cont'd

Bahrain. International Institute for Strategic Studies.
Tables only. AF Mag 63:91 Dec '80

BangladeshStatistics

Bangladesh. International Institute for Strategic Studies. Tables only. AF Mag 63:109 Dec '80

BelgiumStatistics

Belgium. International Institute for Strategic Studies. Tables only. AF Mag 63:77 Dec '80

Bolivia
Statistics

Bolivia. International Institute for Strategic Studies. Tables only. AF Mag 63:116 Dec '80

BrazilStatistics

Brazil. International Institute for Strategic Studies. Tables only. AF Mag 63:116-117 Dec '80

BruneiStatistics

Brunei. International Institute for Strategic Studies. Tables only. AF Mag 63:109 Dec '80

Bulgaria
Statistics

Bulgaria. International Institute for Strategic Studies. Tables only. AF Mag 63:72 Dec '80

BurmaStatistics

Burma. International Institute for Strategic Studies. Tables only. AF Mag 63:109-110 Dec '80

CambodiaStatistics

Kampuchea (Cambodia). International Institute for Strategic Studies. Table only. AF Mag 63:111 Dec '80

CanadaStatistics

Canada. International Institute for Strategic Studies. Tables only. AF Mag 63:79 Dec '80

CeylonStatistics

Sri Lanka (Ceylon). International Institute for Strategic Studies. Tables only. AF Mag 63:114 Dec '80

ChileStatistics

Chile. International Institute for Strategic Studies. Tables only. AF Mag 63:117 Dec '80

ARMED FORCES - ContinuedChina (People's Republic)

- China defence notes. Regular feature in some issues of Asian Defence Journal

Ideological indoctrination of Chinese servicemen. Col Yu. Petrov. Soviet Mil Rev No. 1:45-47 Jan '80

Two Chinese roads to military modernization--and a U.S. dilemma. Thomas A. Marks. illus tab Strat Rev 8:18-28 Summer '80

Statistics

China. International Institute for Strategic Studies. illus tabs AF Mag 63:105-107 Dec '80

China (Republic)

Two Chinese roads to military modernization--and a U.S. dilemma. Thomas A. Marks. illus tab Strat Rev 8:18-28 Summer '80

Statistics

China: Republic of (Taiwan). International Institute for Strategic Studies. Tables only. AF Mag 63:110 Dec '80

ColombiaStatistics

Colombia. International Institute for Strategic Studies. Tables only. AF Mag 63:117 Dec '80

Cuba

Cuba's expanding power potential. F. Clifton Berry, Jr. illus tabs maps AF Mag 63:43-47 Apr '80

Statistics

Cuba. International Institute for Strategic Studies. Tables only. AF Mag 63:117-118 Dec '80

Cyprus

Cyprus. International Institute for Strategic Studies. Tables only. AF Mag 63:87 Dec '80

CzechoslovakiaStatistics

Czechoslovakia. International Institute for Strategic Studies. Tables only. AF Mag 63:72 Dec '80

DenmarkStatistics

Denmark. International Institute for Strategic Studies. Tables only. AF Mag 63:79 Dec '80

Dominican RepublicStatistics

Dominican Republic. International Institute for Strategic Studies. Tables only. AF Mag 63:118 Dec '80

EcuadorStatistics

Ecuador. International Institute for Strategic Studies. Tables only. AF Mag 63:118 Dec '80

ARMED FORCES - ContinuedEgyptStatistics

Egypt. International Institute for Strategic Studies.
Tables only. AF Mag 63:91-92 Dec '80

EthiopiaStatistics

Ethiopia. International Institute for Strategic Studies.
Tables only. AF Mag 63:100 Dec '80

EuropeStatistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 63:121-124 Dec '80

Other European countries. International Institute for Strategic Studies. tabs illus map AF Mag 63:86-89 Dec '80

Europe, Eastern

Political reliability in the Eastern European Warsaw Pact armies. Dale R. Herspring and Ivan Volgyes. tabs Armed Forces & Soc 6:270-296 Winter '80

Europe, Western

European defence news. Regular feature in issues of Asian Defence Journal

FijiStatistics

Fiji. International Institute for Strategic Studies.
Tables only. AF Mag 63:110 Dec '80

Finland

Will of the nation: Finland's defence policy. Lasse Aikäs. illus tab NATO's Fifteen Nations 25:31-33 Jun-Jul '80

Statistics

Finland. International Institute for Strategic Studies.
Tables only. AF Mag 63:88 Dec '80

France

The evolving French strategic debate. D. Bruce Marshall. illus Strat Rev 8:59-77 Spring '80

Statistics

France. International Institute for Strategic Studies.
Tables only. AF Mag 63:79+ Dec '80

Germany (Democratic Republic)Statistics

German Democratic Republic. International Institute for Strategic Studies. Tables only. AF Mag 63:72-73 Dec '80

Germany (Federal Republic)

Federal Republic of Germany--25 years in NATO.
Hans Apel. illus NATO's Fifteen Nations 25:18+ Aug-Sep '80

ARMED FORCES - ContinuedGermany (Federal Republic) - Cont'dStatistics

Germany: Federal Republic of. International Institute for Strategic Studies. Tables only. AF Mag 63:82-83 Dec '80

GhanaStatistics

Ghana. International Institute for Strategic Studies.
Tables only. AF Mag 63:100 Dec '80

Great Britain

Britain's global re-emergence. Gregory Copley. illus Def & For Aff 8, No. 7:34-35 '80

British defence notes. Regular feature in some issues of Asian Defence Journal

Ex-Crusader 1980. Col Norman L. Dodd. illus Asian Def J No. 6:140-143 Nov-Dec '80

Needed: A defense-industrial strategy for the UK.
Geoffrey Pattie. illus Def & For Aff 8, No. 9: 6-9+ '80

Ten years of British troops in Northern Ireland.
J. Brian Garrett. tabs Intl Sec 4:80-104 Winter '79/'80

Statistics

Britain. International Institute for Strategic Studies.
Tables only. AF Mag 63:77-79 Dec '80

GreeceStatistics

Greece. International Institute for Strategic Studies.
Tables only. AF Mag 63:83 Dec '80

GuatemalaStatistics

Guatemala. International Institute for Strategic Studies. Tables only. AF Mag 63:118 Dec '80

HondurasStatistics

Honduras. International Institute for Strategic Studies. Tables only. AF Mag 63:118 Dec '80

HungaryStatistics

Hungary. International Institute for Strategic Studies.
Tables only. AF Mag 63:73 Dec '80

India

Indian defence briefs. Regular feature in some issues of Asian Defence Journal

Statistics

India. International Institute for Strategic Studies.
Tables only. AF Mag 63:110 Dec '80

ARMED FORCES - ContinuedIndonesiaStatistics

Indonesia. International Institute for Strategic Studies.
Tables only. AF Mag 63:110-111 Dec '80

Iran

The death of an Army: A short analysis of the Imperial Iranian Armed Forces. MajGen K.Perkins. illus: RUSI J for Def Studies 125:21-23 Jun '80

The Iranian Armed Forces. Edgar O'Ballance, illus maps MarCor Gaz 64:47-51 Aug '80

Statistics

Iran. International Institute for Strategic Studies.
Tables only. AF Mag 63:92 Dec '80

The military balance in the Persian Gulf: Who will guard the Gulf States from their guardians? Abdul Kasim Mansur. illus map tabs Armed Forces J Intl 118:44-46+ Nov '80

IraqStatistics

Iraq. International Institute for Strategic Studies.
Tables only. AF Mag 63:92 Dec '80

Iraq: When in doubt, murder. map Armed Forces J Intl 118:53+ Nov '80

IrelandStatistics

Eire. International Institute for Strategic Studies.
Tables only. AF Mag 63:87-88 Dec '80

Israel

New immigrants in the Israeli Armed Forces. Victor Azarya and Baruch Kimmerling. Armed Forces & Soc 6:455-482 Spring '80

Some lessons from the Israelis. Maj William C.Fite. illus MarCor Gaz 64:32-38 Sep '80

Statistics

Israel. International Institute for Strategic Studies.
Tables only. AF Mag 63:92-93 Dec '80

Italy

Italy's contribution to the defence of the Western World. Frederick Bonnart. illus NATO's Fifteen Nations 24:45-47 Dec '79-Jan '80

Statistics

Italy. International Institute for Strategic Studies.
Tables only. AF Mag 63:83-84 Dec '80

Japan

Japan's emerging Self Defense Force. LtCol Edward M. Condra III. illus MarCor Gaz 64:53-58 Jun '80

The Japanese Self-Defense Forces, 1980--issues, policies and technology for the coming decade. Edward C.Ezell. illus tabs Intl Def Rev 13, No.2: 187-197 '80

ARMED FORCES - ContinuedJapan - Cont'dStatistics

Japan. International Institute for Strategic Studies.
Tables only. AF Mag 63:111 Dec '80

JordanStatistics

Jordan. International Institute for Strategic Studies.
Tables only. AF Mag 63:93 Dec '80

KenyaStatistics

Kenya. International Institute for Strategic Studies.
Tables only. AF Mag 63:100 Dec '80

Korea (Democratic People's Republic)Statistics

Korea: Democratic People's Republic (North). International Institute for Strategic Studies. Tables only. AF Mag 63:111-112 Dec '80

Korea (Republic)Statistics

Korea: Republic of (South). International Institute for Strategic Studies. Tables only. AF Mag 63:112 Dec '80

KuwaitStatistics

Kuwait. International Institute for Strategic Studies.
Tables only. AF Mag 63:93-94 Dec '80

Kuwait: Deterrence and instability. Armed Forces J Intl 118:59-60 Nov '80

LaosStatistics

Laos. International Institute for Strategic Studies.
Tables only. AF Mag 63:112 Dec '80

Latin AmericaStatistics

Latin America. International Institute for Strategic Studies. illus tabs map AF Mag 63:115-119 Dec '80

LebanonStatistics

Lebanon. International Institute for Strategic Studies.
Tables only. AF Mag 63:94 Dec '80

LibyaStatistics

Libya. International Institute for Strategic Studies.
Tables only. AF Mag 63:94 Dec '80

ARMED FORCES - ContinuedLuxembourgStatistics

Luxembourg. International Institute for Strategic Studies. Tables only. AF Mag 63:84 Dec '80

MalaysiaStatistics

Malaysia. International Institute for Strategic Studies. Tables only. AF Mag 63:112-113 Dec '80

MaltaStatistics

Malta. International Institute for Strategic Studies. Tables only. AF Mag 63:88 Dec '80

MexicoStatistics

Mexico. International Institute for Strategic Studies. Tables only. AF Mag 63:118-119 Dec '80

Middle EastStatistics

The Middle East and North Africa. International Institute for Strategic Studies. illus tabs map AF Mag 63:90-96 Dec '80

MongoliaStatistics

Mongolia. International Institute for Strategic Studies. Tables only. AF Mag 63:112 Dec '80

MoroccoStatistics

Morocco. International Institute for Strategic Studies. Tables only. AF Mag 63:94 Dec '80

MozambiqueStatistics

Mozambique. International Institute for Strategic Studies. Tables only. AF Mag 63:100-101 Dec '80

NATO

MBFR (Mutual and Balanced Force Reductions): An idea whose time has gone? Jeffrey Record. illus tabs Armed Forces J Intl 118:26-27+ Oct '80

The slippery road of MBFR (Mutual and Balanced Force Reductions). Lothar Ruehl. illus tabs Strat Rev 8:24-35 Winter '80

Statistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 63:121-124 Dec '80

The North Atlantic Treaty. International Institute for Strategic Studies. illus tabs map AF Mag 63:75-79+ Dec '80

ARMED FORCES - ContinuedNepalStatistics

Nepal. International Institute for Strategic Studies. Tables only. AF Mag 63:112 Dec '80

NetherlandsStatistics

Netherlands. International Institute for Strategic Studies. Tables only. AF Mag 63:84-85 Dec '80

New ZealandStatistics

New Zealand. International Institute for Strategic Studies. Tables only. AF Mag 63:113 Dec '80

NigeriaStatistics

Nigeria. International Institute for Strategic Studies. Tables only. AF Mag 63:101 Dec '80

NorwayStatistics

Norway. International Institute for Strategic Studies. Tables only. AF Mag 63:85 Dec '80

Oman

Oman: The next crisis? Capt Richard A. Stewart. illus maps US Nav Inst Proc 106:97-102 Apr '80

Statistics

Oman. International Institute for Strategic Studies. Tables only. AF Mag 63:94-95 Dec '80

Oman: Some competence, and some corruption. Armed Forces J Intl 118:67-68 Nov '80

PakistanStatistics

Pakistan. International Institute for Strategic Studies. Tables only. AF Mag 63:113 Dec '80

Papua New GuineaStatistics

Papua New Guinea. International Institute for Strategic Studies. Tables only. AF Mag 63:113 Dec '80

ParaguayStatistics

Paraguay. International Institute for Strategic Studies. Tables only. AF Mag 62:119 Dec '80

PeruStatistics

Peru. International Institute for Strategic Studies. Tables only. AF Mag 63:119 Dec '80

ARMED FORCES - ContinuedPhilippines (Republic)Statistics

Philippines. International Institute for Strategic Studies. Tables only. AF Mag 63:113 Dec '80

Poland

Military education in the Polish Armed Forces. Lawrence L. Whetten and James L. Waddell. RUSI J for Def Studies 125:51-57 Sep '80

Statistics

Poland. International Institute for Strategic Studies. Tables only. AF Mag 63:73 Dec '80

PortugalStatistics

Portugal. International Institute for Strategic Studies. Tables only. AF Mag 63:85 Dec '80

QatarStatistics

Qatar. International Institute for Strategic Studies. Tables only. AF Mag 63:95 Dec '80

Qatar: Moving in the direction of Kuwait, but slowly. illus Armed Forces J Intl 118:61 Nov '80

RumaniaStatistics

Romania. International Institute for Strategic Studies. Tables only. AF Mag 63:73 Dec '80

Russia

Army of internationalists. Col A.Solovyov. Soviet Mil Rev No.2:2-4 Feb '80

Educational role of the Soviet Armed Forces. Col-Gen M.Sobolev. illus Soviet Mil Rev No.6:2-6 Jun '80

The "external function" of Soviet Armed Forces. Avigdor Haselkorn. illus Nav War Col Rev 33:35-45 Jan-Feb '80

From Prague to Kabul: The Soviet style of invasion. Jiri Valenta. Intl Sec 5:114-141 Fall '80

Guarding peace and socialism. Col-Gen G.Sredin. illus Soviet Mil Rev No.1:5-9 Jan '80

Lenin's principles of Soviet military construction. Maj-Gen V.Novikov and Col N.Kuznetsov. Soviet Mil Rev pt 1, No.4:2-5 Apr '80; pt 2, No.5:15-17 May '80

The life of a Soviet soldier. Steve Abbott. illus tab Soldiers 35:6-10 Jul '80

Limited U.S.-Soviet conflict and the RDF. F.J.West, Jr. illus MarCor Gaz 64:39-46 Aug '80

Limits upon Soviet military power. Keith A.Dunn. illus RUSI J for Def Studies 124:38-45 Dec '79

Moscow's goal is military superiority. Edgar Ulsamer. tabs AF Mag 63:42-52 Mar '80

ARMED FORCES - ContinuedRussia - Cont'd

Power projection or influence: Soviet capabilities for the 1980s. Keith A.Dunn. illus tabs map Nav War Col Rev 33:31-47 Sep-Oct '80

The Soviet buildup--why does the threat grow? Capt Richard M.Saunders. illus Mil Rev 60:61-71 Apr '80

Soviet Defense Minister Dmitri Ustinov: A self-portrait. Michael M.Boll. illus Mil Rev 60:10-21 Dec '80

Soviet military report. Regular feature in some issues of Defense & Foreign Affairs

Soviet river-crossing operations. LtCol D.G.Nargele. illus MarCor Gaz 64:60-64 Jul '80

The Soviet soldier--how terrible is Ivan? Capt Michael J.O'Hara. illus MarCor Gaz 64:61-66 Apr '80

The Soviet Union: Perspective of an Army attache'. Col Bernard Loeffke. illus Parameters 10:52-56 Dec '80

Top leaders of the Soviet Armed Forces. Harriet Fast Scott. illus AF Mag 63:109 Mar '80

History

Glavnoe komandovanie: The Soviet theater command. Gregory C.Baird. illus Nav War Col Rev 33:40-48 May-Jun '80

Organization

Glavnoe komandovanie: The Soviet theater command. Gregory C.Baird. illus Nav War Col Rev 33:40-48 May-Jun '80

Organization of Soviet Armed Forces. charts AF Mag 63:112+ Mar '80

The structure of the Soviet Armed Forces. C.N.Donnelly. illus map chart NATO's Fifteen Nations 25: 94-96 Apr-May '80

Statistics

The Soviet Union. International Institute for Strategic Studies. illus tabs AF Mag 63:68-70 Dec '80

The United States and the Soviet Union. International Institute for Strategic Studies. illus tabs AF Mag 63:64-70 Dec '80

Saudi ArabiaStatistics

Saudi Arabia. International Institute for Strategic Studies. Tables only. AF Mag 63:95 Dec '80

Saudi Arabia: The most oil and the most hope. map Armed Forces J Intl 118:70+ Nov '80

SingaporeStatistics

Singapore. International Institute for Strategic Studies. Tables only. AF Mag 63:114 Dec '80

ARMED FORCES - ContinuedSomali Democratic RepublicStatistics

Somali Democratic Republic. International Institute for Strategic Studies. Tables only. AF Mag 63:101 Dec '80

South Africa (Republic)

The South African Defence Force. Col Norman L. Dodd, Ret. illus RUSI J for Def Studies 125:39-43 Mar '80

Statistics

South Africa. International Institute for Strategic Studies. Tables only. AF Mag 63:101 Dec '80

SpainOrganization

Spain and its defense organization. LtCol J. Sánchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No.9:1489-1494 '79; pt 2, The defense industry. 13, No.1:103-108 '80

Statistics

Spain. International Institute for Strategic Studies. Tables only. AF Mag 63:88 Dec '80

SudanStatistics

Sudan. International Institute for Strategic Studies. Tables only. AF Mag 63:95 Dec '80

Sweden

Independence and self-determination (for Sweden). Eric Krönmark. illus tab NATO's Fifteen Nations 25:24-25+ Jun-Jul '80

Statistics

Sweden. International Institute for Strategic Studies. Tables only. AF Mag 63:88-89 Dec '80

Switzerland

The militia forces of Switzerland. G.A. Chevallaz. tab illus NATO's Fifteen Nations 25:18+ Jun-Jul '80

Reflections on the defense concept of Switzerland. Gen Frank Seethaler. illus tab Armada Intl 4:20+ Jul-Aug '80

Statistics

Switzerland. International Institute for Strategic Studies. Tables only. AF Mag 63:89 Dec '80

SyriaStatistics

Syria. International Institute for Strategic Studies. Tables only. AF Mag 63:95-96 Dec '80

TanzaniaStatistics

Tanzania. International Institute for Strategic Studies. Tables only. AF Mag 63:102 Dec '80

ARMED FORCES - ContinuedThailandStatistics

Thailand. International Institute for Strategic Studies. Tables only. AF Mag 63:114 Dec '80

TunisiaStatistics

Tunisia. International Institute for Strategic Studies. Tables only. AF Mag 63:96 Dec '80

TurkeyStatistics

Turkey. International Institute for Strategic Studies. Tables only. AF Mag 63:85 Dec '80

United Arab EmiratesStatistics

The United Arab Emirates: The first to go? Armed Forces J Intl 118:62+ Nov '80

United Arab Emirates (UAE). International Institute for Strategic Studies. Tables only. AF Mag 63:96 Dec '80

United States

The 80s. illus AF Times, Times Magazine sup:5-9+ Feb 4 '80

Reagan criticizes Carter on military. AF Times 40:12 Mar 31 '80

The sad facts about our military posture. Gen T.R. Milton, Ret. AF Mag 63:145 Dec '80

U.S. military report. Regular feature in some issues of Defense & Foreign Affairs

History

Historical continuity in the U.S. military Reserve system. Robert L. Goldich. Armed Forces & Soc 7:88-112 Fall '80

Statistics

By the numbers: Quotas vs quality. Bruce Callander. illus AF Times 40:20+ Jun 2 '80

Defending Europe against a conventional attack. Kenneth J. Coffey. illus tabs AU Rev 31:47-59 Jan-Feb '80

Summary of major military forces (as of 1 January 1980). Tables only. US Nav Inst Proc 106:237-238 May '80

The United States. International Institute for Strategic Studies. illus tabs AF Mag 63:66-67 Dec '80

The United States and the Soviet Union. International Institute for Strategic Studies. illus tabs AF Mag 63:64-70 Dec '80

U.S. national defense structure. (Special almanac issue) illus tabs maps Defense/80; entire issue Jul '80

Who served in the military, 1940-73. Neil D. Fligstein. tabs Armed Forces & Soc 6:297-312 Winter '80

ARMED FORCES - ContinuedUruguayStatistics

Uruguay. International Institute for Strategic Studies. Tables only. AF Mag 63:119 Dec '80

VenezuelaStatistics

Venezuela. International Institute for Strategic Studies. Tables only. AF Mag 63:119 Dec '80

Vietnam (Socialist Republic)Statistics

Vietnam. International Institute for Strategic Studies. Tables only. AF Mag 63:114 Dec '80

Warsaw Pact

MBFR (Mutual and Balanced Force Reductions): An idea whose time has gone? Jeffrey Record. illus tabs Armed Forces J Intl 118:26-27+ Oct '80

Political reliability in the Eastern European Warsaw Pact armies. Dale R. Herspring and Ivan Volgyes. tabs Armed Forces & Soc 6:270-296 Winter '80

The slippery road of MBFR (Mutual and Balanced Force Reductions). Lothar Ruehl. illus tabs Strat Rev 8:24-35 Winter '80

Statistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 63:121-124 Dec '80

The Warsaw Pact. International Institute for Strategic Studies. illus tabs map AF Mag 63:71-73 Dec '80

Yemen, NorthStatistics

North Yemen: The shadow game. Armed Forces J Intl 118:75+ Nov '80

Yemen Arab Republic (North). International Institute for Strategic Studies. Tables only. AF Mag 63:96 Dec '80

Yemen, SouthStatistics

South Yemen: The heart of darkness. map Armed Forces J Intl 118:81-83 Nov '80

Yemen: People's Democratic Republic (South). International Institute for Strategic Studies. Tables only. AF Mag 63:96 Dec '80

Yugoslavia

Yugoslavia--one of the neutrals? Norah Beloff. illus tab NATO's Fifteen Nations 25:50-52 Jun-Jul '80

Yugoslav security after Tito. Phillip A. Karber and Jon L. Lellenberg. illus Strat Rev 8:44-58 Spring '80

ARMED FORCES - ContinuedYugoslavia - Cont'dStatistics

Yugoslavia. International Institute for Strategic Studies. Tables only. AF Mag 63:89 Dec '80

ZaireStatistics

Zaire. International Institute for Strategic Studies. Tables only. AF Mag 63:102 Dec '80

ZambiaStatistics

Zambia. International Institute for Strategic Studies. Tables only. AF Mag 63:102 Dec '80

ZimbabweStatistics

Zimbabwe. International Institute for Strategic Studies. Tables only. AF Mag 63:102 Dec '80

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION

AFCEA '80 Show and Conference (Washington, June 24-26, 1980): Heavy stress on communications. illus Interavia 35:729-731 Aug '80

AFCEA ROTC, (scholarship and Service Academy) awards, 1980. illus Signal 35:69-74+ Sep '80

AFCEA's 1st Western Conference & Exposition (Anaheim, CA, Jan 9-11, 1980). illus Signal 34:33-41 Feb '80

AFCEA's 34th Annual Convention (Program, Washington, June 24-26, 1980). illus Signal 34:42-43+ May-Jun '80

(AFCEA's 34th Annual Convention Report, Washington, June 24-26, 1980) illus Signal 34: entire issue Aug '80

Directories

AFCEA's new directors, class of 1984. illus Signal 35:55-59 Oct '80

1980 AFCEA sustaining and group member capabilities directory. illus Signal 34:80-155 Jan '80

ARMED FORCES INSTITUTE see Defense Activity for Non-Traditional Educational SupportARMED FORCES STAFF COLLEGE

Armed Forces Staff College: 'They learn to talk to each other.' John S. Ginovsky. illus AF Times 40:E3+ Apr 14 '80

ARMED SERVICES COMMITTEE--HOUSE OF REPRESENTATIVES see Congress--U.S.ARMED SERVICES COMMITTEE--SENATE see Congress--U.S.

ARMOR

See also
Armored Vehicles
Armored Warfare

Shaped charges versus armor. Joseph E. Backofen. illus tabs Armor pt 1, 89:60-64 Jul-Aug '80; pt 2, 89:16-21 Sep-Oct '80; pt 3, 89:24-27 Nov-Dec '80

Education and Training

Armoured troops Academy (of Mechanisation and Motorisation). (Interview with O.A.Losik) illus Soviet Mil Rev No.9:2-7 Sep '80

Combat vehicle training support. Capt John J. Sweeney. illus Armor 89:26-29 May-Jun '80

Brazil

New Brazilian armor. Richard M. Ogorkiewicz. illus Armor 89:40-43 Jan-Feb '80

A new family of tracked armoured vehicles from Brazil. Ronaldo S.Olive. illus Intl Def Rev 13, No.1:109-110 '80

France

The French armored division. Col Arnaud P. Loubens and Capt Marcel M. Valentin. illus map chart Armor 89:22-25 Sep-Oct '80

Russia

Armoured troops Academy (of Mechanisation and Motorisation). (Interview with O.A.Losik) illus Soviet Mil Rev No.9:2-7 Sep '80

The new artillery. Patrick F. Rogers. illus Army 30: 27-33 Jul '80; Fld Arty J 48:36-42 Nov-Dec '80

Soviet combined arms operations. John Erickson. illus Armor 89:16-21 May-Jun '80

United States

Airborne armor and cavalry. 2dLt Thomas D. Dinackus. illus chart Armor 89:9-12 Sep-Oct '80

Autumn Safari logistics. LtCol Fred C. Cheatham. illus tabs Armor 89:30-35 Mar-Apr '80

Does Armor have a "ho hum" attitude? Gen Donn A. Starry. (Address, 1980 Armor Conference) illus Armor 89:46-47 Jul-Aug '80

Eligible Receiver II. SP4 Lee Roy Dewitt. illus Armor 89:36-39 Mar-Apr '80

OPMD-EPMD Armor. Regular feature in issues of Armor

'One-up and two-back'? Gen William E. DePuy, Ret. illus tab Army 30:20-25 Jan '80

ARMOR ASSOCIATION see United States Armor Association

ARMORED FORCES see Armor

ARMORED PERSONNEL CARRIERS see Armored Vehicles

ARMORED VEHICLES

See also
Tanks, Military

ARMORED VEHICLES - Continued

The AAAT--an armoured air-defense vehicle from Krauss-Maffei. Hasso Erb. illus tab Intl Def Rev 13, No.2:239-240 '80

APCs in battle. Col V. Buyar. illus Soviet Mil Rev No.10:24-26 Oct '80

APE--more than a scout vehicle. Hasso Erb. illus tabs Armada Intl 4:78+ Jan-Feb '80

The ATTV. Lt Noyes B. Livingston III. illus Infantry 70:10-12 Mar-Apr '80

Acquiring new armored vehicles & weapons. Col Larry R. Williams. illus tabs MarCor Gaz 64: 28-33 Dec '80

Armor Symposium 1980--an overview. Maj Dixon B. Garner. illus MarCor Gaz 64:26-31 Jul '80

The armoured M109 ammunition delivery system. illus (Also cutaway) tab Intl Def Rev 13, No.2: 241-242 '80

Armoured personnel carriers. Col D. Ryazantsev. illus Soviet Mil Rev No.5:43-44 May '80

The Army of the future. Interview. LtGen Don R. Keith. illus Def & For Aff 8, No.5:42-43 '80

Battle mounts: Fighting vehicles for the future. SSgt Jim Boersema. illus Soldiers 35:38-39 Sep '80

Brown orders "rapid introduction" of Army/USMC light arm'd vehicles. Deborah G. Meyer. Armed Forces J Intl 117:14+ Apr '80

Cobra: The world's first AFV with an electric transmission. LtCol P. Crèvecoeur. illus tab Intl Def Rev 13, No.6:904-906 '80

Congress speeds up light armored vehicle alternatives for RDF forces. Deborah M. Kyle and Benjamin F. Schemmer. illus Armed Forces J Intl 117:16+ Aug '80

Dragoon 300--a new light armoured vehicle from the U.S. Ramon Lopez. illus tabs Intl Def Rev 13, No.5:733-734 '80

Engineer support for the combined arms team. Col Albert F. Dorris. illus Armor 89:39-43 Sep-Oct '80

Europe and Asia first. Jacquelyn Porth. illus Def & For Aff 8:34-36 Sep '80

FMC's armoured infantry fighting vehicle. R.M. Ogorkiewicz. illus tab Intl Def Rev 13, No.9:1391-1395 '80

Fast troops. LtCol Burton S. Boudinot, Ret. illus Armor 89:30-35 Sep-Oct '80

Fire support for combat units--a problem which had only been partially resolved. illus NATO's Fifteen Nations 25:42-43 Feb-Mar '80

French fighting vehicles. Col P.A. Loubens and LtCol R.R. Tayler, Jr, Ret. illus Armor 89:41-45 May-Jun '80

Furor arma ministrat: Europe's new armor and its impact on the world defense market place. illus Def & For Aff 8:38-41+ Sep '80

Future armored vehicles: Flying tanks. Col R.R. Battreall, Ret and Maj Joe L. Riggins. illus tabs Armor 89:56-59 Jul-Aug '80

ARMORED VEHICLES - Continued

The IFV on the modern battlefield. David G. Holmes. illus Infantry 70:10-14 Sep-Oct '80

Light armored vehicles--needs and candidates. Capt Edwin W. Besch, Ret. illus tabs MarCor pt 1, 64: 34-35+ Dec '80

Lightweight combat vehicles: Can they make it on the modern battlefield. Col Robert H. Thompson. illus Armed Forces J Intl 117:54+ Jun '80

Malaysian armoured vehicle competition. tabs Intl Def Rev 13, No.4:466 '80

New Brazilian armor. Richard M. Ogorkiewicz. illus Armor 89:40-43 Jan-Feb '80

A new family of tracked armoured vehicles from Brazil. Ronaldo S. Olive. illus Intl Def Rev 13, No.1:109-110 '80

New fighting vehicle options. Capts S.W. Miller and R.A. Stewart. illus MarCor Gaz 64:47-53 Oct '80

The rapid deployment force: How much, how soon? Col Raymond E. Bell, Jr. illus Army 30:18-24 Jul '80

Renault wheeled armoured vehicles. R.M. Ogorkiewicz. illus tab Intl Def Rev 13, No.5:723-727 '80

Saurer launches new off-road vehicles. illus Intl Def Rev 13, No.2:277 '80

SecDef Brown directs huge USMC, Army buys of light armored vehicles. Benjamin F. Schemmer. Armed Forces J Intl 118:17-18 Sep '80

Tactical mobility for rapid deployment forces: The solution is at hand. Capt Richard A. Stewart. illus Armed Forces J Intl 117:70-72+ Mar '80

Tank-automotive news. Regular feature in some issues of National Defense

Tracks vs wheels. LtCol N.F. Vaux. tab MarCor Gaz 64:18-20 Dec '80

The U.S. Army's Infantry and Cavalry Fighting Vehicles. David G. Holmes. illus tabs Intl Def Rev 13, 7:1075-1081 '80

Maintenance and Repair

Rehabilitation of armoured equipment in the field. Col N. Shevchenko. illus Soviet Mil Rev No.6: 25-26 Jun '80

Study and Teaching

Training strategy for the IFV. LtCol John D. Fuller. illus Infantry 70:15-19 Sep-Oct '80

Testing

Malaysian armoured vehicle competition. tabs Intl Def Rev 13, No.4:466 '80

ARMORED WARFARE

See also
Missiles, Antitank

The ATFTV. Lt Noyes B. Livingston III. illus Infantry 70:10-12 Mar-Apr '80

After the tank, then what? Maj Orville T. Stokes, Jr. illus Fld Arty J 48:44-49 Jul-Aug '80; Mil Rev 60: 2-12 Oct '80

ARMORED WARFARE - Continued

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Oct-Nov '80

The antitank ditch--reviving an old concept. John F. Rybicki. illus tab Mil Engr 72:418-421 Nov-Dec '80

The anti-tank helicopter--France asks what next? Mark Lambert. illus Interavia 35:844-846 Sep '80

The Army of the future. Interview. LtGen Don R. Keith. illus Def & For Aff 8, No.5:42-43 '80

Assault Breaker. Konrad Alder. illus Armada Intl 4:50-52+ Jan-Feb '80

The Barr & Stroud DF3 fire-control system. J.M. Ballantine. illus Intl Def Rev 13, No.4:536-538 '80

Barrage rockets. Enrico delle Capre. illus Asian Def J No.4:61-62+ Jul-Aug '80

Before an offensive. (Technical support of a tank battalion) Col D. Ryazantsev. illus Soviet Mil Rev No. 10:34-36 Oct '80

The big guns: In Red Army still the 'king of battle.' illus tab Army 30:29-31 Sep '80

Defining maneuver warfare for the Marine Corps. William S. Lind. illus MarCor Gaz 64:55-58 Mar '80

Fast troops. LtCol Burton S. Boudinot, Ret. illus Armor 89:30-35 Sep-Oct '80

Fieldguard allweather artillery FCS (Fire Control System). illus Armada Intl 4:14+ Mar-Apr '80

A flexible hybrid: AMX 10 PAC 90. John S. Philipp. illus Asian Def J No.1:92-95 Jan-Feb '80

Gain the initiative with an armored raid. Capt Richard P. Geier. illus Mil Rev 60:48-57 Jun '80

The light armored corps--a strategic necessity. LtGen James F. Hollingsworth, Ret and MajGen Allan T. Wood, Ret. illus map tabs Armed Forces J Intl 117:20-22+ Jan '80

Man against armor. BrigGen S.L.A. Marshall. illus Armor 89:30-36 Jan-Feb '80

Myths and realities of antitank capabilities. LtCol Donald J. Robinson II. illus MarCor Gaz 64:41-48 Mar '80

The rapid deployment force: How much, how soon? Col Raymond E. Bell, Jr. illus Army 30:18-24 Jul '80

Role of armor. illus Air Def Mag, pp 14-18, Jul-Sep '80

Soviet combined arms operations. John Erickson. illus Armor 89:16-21 May-Jun '80

Soviet doctrine responds to antitank missile threat. LtCol William P. Baxter, Ret. illus Army 30:29-32 Aug '80

Soviet tactics for overcoming NATO antitank defenses. C.N. Donnelly. (Reprinted from International Defense Review, No.7, 1979) Infantry pt 1, 70:20-26 Sep-Oct '80; pt 2, 70:16-23 Nov-Dec '80

Stay behind armored units. John F. Milsom. illus Armor 89:46-51 May-Jun '80

ARMORED WARFARE - Continued

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80

Tank--war machine for land combat. Joseph E. Backofen, Jr. illus Armor 89:10-12 Jan-Feb '80

U.S. antitank doctrine in World War II. Philip Dwight Jones. illus Mil Rev 60:57-67 Mar '80

U.S. tube launched smart anti-tank munitions. Gowri S.Sundaram. illus Intl Def Rev 13, No.8:1233-1236 '80

Study and Teaching

DFWES (Direct Fire Weapons Effects Simulation)--a new heliborne anti-tank simulation system. illus Intl Def Rev 13, No.2:257-258 '80

Hohenfels holiday. Capt Gardner M.Nason. illus Soldiers 35:13-16 Nov '80

ARMS CONTROL

ASW strategy: Issues for the 1980s. LT David Templeton Easter. illus US Nav Inst Proc 106:34-41 Mar '80

Analysis and compliance enforcement in SALT verification. Sen Gordon J.Humphrey. Intl Sec Rev 5: 1-26 Spring '80

Arms control in Soviet policy. Colin S.Gray. illus AF Mag 63:66-71 Mar '80

Arms control status report. NATO's Fifteen Nations 24:78 Oct-Nov '79

Arms control status report. NATO's Fifteen Nations 24:62 Dec '79-Jan '80

Arms control status report. NATO's Fifteen Nations 25:88-89 Apr-May '80

Arms control status report. NATO's Fifteen Nations 25:101 Aug-Sep '80

Arms control status report: Is detente dead? NATO's Fifteen Nations 25:45+ Feb-Mar '80

The best of all possible nuclear worlds. McGeorge Bundy. Intl Sec 5:172-177 Summer '80

"Dear voter"--an open letter to the American electorate. Colin S.Gray. AF Mag 63:53-56 Oct '80

The diplomacy of SALT. Andrew J.Pierre. Intl Sec 5:178-197 Summer '80

Disarmament problems and the position of West Germany. Udo Philipp. Intl Def Rev 13, No.7:985 '80

The effectiveness of the "Washington Treaty" Navy. Thomas C.Hone. illus tabs Nav War Col Rev 32: 35-59 Nov-Dec '79

Exploitable strategic nuclear superiority. Sen Jake Garn. Intl Sec Rev 5:173-192 Summer '80

From Moscow "mit Liebe." Editorial. Walter F. Hahn. Strat Rev 8:5-7 Summer '80

Indian Ocean arms control. Richard A.Best, Jr. illus map US Nav Inst Proc 106:42-48 Feb '80

Is there a future for SALT? Andrew C.Tuttle. illus Natl Def 65:33-37+ Aug '80

ARMS CONTROL - Continued

Judging SALT II. Gen Alexander M.Haig, Jr. illus Strat Rev 8:11-17 Winter '80

MBFR (Mutual and Balanced Force Reductions): An idea whose time has gone? Jeffrey Record. illus tabs Armed Forces J Intl 118:26-27+ Oct '80

Maskirovka: Are the Russians taking us down the garden path? Scott James. illus Def Elect 12:43-44+ Aug '80

The other gas crisis--chemical weapons. Charles H. Bay. Parameters pt 1, 9:70-80 Sep '79; pt 2, 9:65-78 Dec '79

Panel (House Appropriations Committee): Scrap SALT ports. Len Famiglietti. AF Times 41:26 Aug 4 '80

Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No.8: entire issue '80

The question of deploying U.S. theater nuclear weapons in Europe. Lawrence J.Korb. tabs Nav War Col Rev 33:99-105 May-Jun '80

The race to nuclear war: Three statements. RADM Gene R.LaRocque and others. illus Def Monitor 9, No.6: entire issue '80

Reassessing the strategic balance. Richard Burt. Intl Sec 5:37-52 Summer '80

The SALT II crisis: An opportunity to limit the dangers. LtGen George M.Seignious II, Ret. illus Parameters 9:2-6 Dec '79

SALT II's political failure: The U.S. Senate debate. Robin Ranger. tab RUSI J for Def Studies 125: 49-56 Jun '80

SALT and strategic reappraisal for the U.S. Thomas H.Etzold. illus map MarCor Gaz 64:49-53 Jan '80

SALT on the shelf: Problems and prospects. Lloyd Jensen. illus tab Parameters 10:57-64 Dec '80

SUM (Shallow Underwater Missile): It doesn't add up. Sen E.J.Garn. illus tab Armed Forces J Intl 117: 36-37 Jan '80; Commentary. Sen Mark O.Hatfield. 117:66+ Feb '80

The selling of SALT: Gazing too long into the abyss. LtCol Daniel W.Christman. illus Parameters 9: 52-64 Dec '79

The slippery road of MBFR (Mutual and Balanced Force Reductions). Lothar Ruehl. illus tabs Strat Rev 8:24-35 Winter '80

The Soviet strategic nuclear advantage and how to eliminate it. John F.Lehman. Intl Sec Rev 5:271-285 Fall '80

Strategic balance considerations: Policy, doctrine, force structure, and SALT. LtCol Warren H.Milberg. tab Nav War Col Rev 33:68-74 Jul-Aug '80

A structured framework for SALT decision-making. John M.Collins. tab AU Rev 31:22-26 Jan-Feb '80

The tragicomedy of arms trade control. Richard K. Betts. Intl Sec 5:80-110 Summer '80

The U.S. learns the final score: The SALT II debate and the strategic balance. Justin Galen. tabs Armed Forces J Intl 118:52-53+ Oct '80

ARMS CONTROL - Continued

U.S. strategic force modernization: A new role for missile defense? Rep Jack F. Kemp. illus Strat Rev 8:11-17 Summer '80

ARMS INDUSTRY AND TRADE

Dangerous business. A. Markov. illus Soviet Mil Rev No. 6:45-47 Jun '80

Defence industry newsbriefs. Regular feature in issues of Asian Defence Journal

European and transatlantic armaments cooperation from the German viewpoint. Hans L. Eberhard. (Trans by Paul A. Chadwell from Soldat und Technik, Sep 1979) tabs Natl Def 64:37-41 Apr '80

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Small arms proliferation: The quiet factories; the growing market. illus Def & For Aff 8, No. 1:35 '80

Austria

Steyr-Daimler-Puch (Austrian Army's Universal Gun, AUG): Elements of the future. illus Def & For Aff 8, No. 1:19+ '80

Europe, Western

Europe at the cutting edge. illus Def & For Aff 8, No. 4:30-34 '80

Europe's new howitzer is on the field, and ready. David Harvey. illus Def & For Aff 8, No. 6: 14-17 '80

France

Renault wheeled armoured vehicles. R.M. Ogorkiewicz. illus tab Intl Def Rev 13, No. 5:723-727 '80

Germany (Federal Republic)

Up-gunning the Marder. illus tab Intl Def Rev 13, No. 5:712-714 '80

Israel

Israel Military Industries--suppliers of weapons and ammunition. Felix Müller. illus Armada Intl 4: 10-12+ Jan-Feb '80

Latin America

Arms and the Southern Cone: How defense activity grew in 1979. David Harvey. illus Def & For Aff 8, No. 1:28-32+ '80

NATO

Is reform needed in NATO arms procurement? J.B. Koeppl. Intl Def Rev 13, No. 5:658 '80

The two-way street: Views of Europe and the USA. Steven Kline. illus NATO's Fifteen Nations 24: 22-25 Dec '79-Jan '80

Spain

Spain and its defense organization. LtCol J. Sanchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No. 9:1489-1494 '79; pt 2, The defense industry. 13, No. 1:103-108 '80

ARMS INDUSTRY AND TRADE - ContinuedUnited States

The commercial revolution--it's coming in the defense business. T.R. Stuelpnagel. illus Armed Forces J Intl 117:63-64 May '80

Panel (House Armed Services Committee) will study defense industry. AF Times 41:11 Oct 27 '80

Costs

The impact of cost rises. David Harvey. illus Def & For Aff 8, No. 1:40-41 '80

History

Winchester goes to war. Edwin Pugsley. illus Natl Def 65:56-57+ Oct '80

ARMS RACE

American strength, Soviet weakness. tabs Def Monitor 9: entire issue Jun '80

The arms race--against time. Philip S. Cox. Intl Sec Rev 5:407-420 Fall '80

Deterrence and the arms race: The impotence of power. Jacek Kugler and A.F.K. Organski. illus tabs Intl Sec 4:105-138 Spring '80

A military commander surveys the nuclear arms race. Louis Mountbatten. Intl Sec 4:3-5 Winter '79/'80

"On the brink of the final abyss": A statement on war. Lord Mountbatten. illus Def Monitor 9:1-2+ May '80

Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No. 8: entire issue '80

Soviet thermonuclear development. David Holloway. tab Intl Sec 4:192-197 Winter '79/'80

U.S. role in South Pacific. illus Asian Def J No. 6:53+ Nov-Dec '80

ARMS SALES

The acquisition of armaments. illus Def & For Aff 8, No. 4:6-9+ '80

Aircraft for export: Cutting off the U.S. nose? David Harvey. illus Def & For Aff 8, No. 4:45-46 '80

American arms for Sadat. Gen Saad El-Din-Al-Shazli. illus tabs Islamic Def Rev 5, No. 1:6-9 '80

Arms transfer tables. Regular feature in issues of Defense & Foreign Affairs

Arsenal diplomacy: Problems and prospects. Stephen P. Gilbert. tabs Intl Sec Rev 5:375-406 Fall '80

BAe expects to double Rapier sales. Mark Hewish. illus Interavia 35:920-921 Oct '80

Conflicting trends for arms transfer restraint. David J. Louscher and Michael D. Salomon. Nav War Col Rev 33:82-88 Nov-Dec '80

Dangerous business. A. Markov. illus Soviet Mil Rev No. 6:45-47 Jun '80

Europe and Asia first. Jacquelyn Porth. illus Def & For Aff 8:34-36 Sep '80

Europe at the cutting edge. illus Def & For Aff 8, No. 4:30-34 '80

ARMS SALES - Continued

FX fighter firms square off. John Burton. illus Def & For Aff 8:44-46 Sep '80

Military aircraft exports: Soviet foreign policy tool. F. Clifton Berry, Jr. illus tabs AF Mag 63:72-75+ Mar '80

Pull factors in the transfer of conventional armaments to Africa. William P. Avery and Louis A. Picard. illus tabs J Pol & Mil Sociol 8:55-70 Spring '80

Subs for sale: A look at the submarine export market. illus Def & For Aff 8:30-32+ Nov '80

The two-way street: Views of Europe and the USA. Steven Kline. illus NATO's Fifteen Nations 24: 22-25 Dec '79-Jan '80

The United States' contribution to Soviet tank technology. George F. Hofman. illus RUSI J for Def Studies 125:63-68 Mar '80

U.S. defense electronics: Strangled or free? Jacquelyn S. Porth. Def & For Aff 8:37-39 Nov '80

Yugoslav security after Tito. Phillip A. Karber and Jon L. Lellenberg. illus Strat Rev 8:44-58 Spring '80

History

Seizure of the North American NA-68 and NA-69. Edward M. Young. illus tab Am Avn Hist Soc J 25: 194-198 Fall '80

The tragicomedy of arms trade control. Richard K. Betts. Intl Sec 5:80-110 Summer '80

U.S. firms up \$400-million UK Rapier buy; Congress likely to accelerate it. Deborah M. Kyle. illus Armed Forces J Intl 118:46 Sep '80

ARMYSee also

Armor
Artillery
Infantry

also subdivision under specific subjects, e. g., Education and Training--Army--U. S.

Biography

Billy Mitchell, prophet of U.S. air power. Hy Kaplan. illus Sergeants 18:14-15 Dec '80

The educator of the Army (LtGen Lesley J. McNair). Brooks E. Kleber. illus Army 30:50-54 Jul '80

Presidents who were soldiers. illus Soldiers 35:20-23 Mar '80

Corps, Divisions, etcSee also

Transportation Units

Statistics

Average strength of military formations. International Institute for Strategic Studies. Table only. AF Mag 63:131 Dec '80

France--Organization

The French armored division. Col Arnaud P. Loubens and Capt Marcel M. Valentin. illus map chart Armor 89:22-25 Sep-Oct '80

ARMY - ContinuedCorps, Divisions, etc - Cont'dRussia

Hit hard, fast and keep movin'! Steve Abbott. illus Soldiers 35:15-17 Aug '80

Russia--History

Coeval of the Revolution. (Guards Proskurov-Berlin Tank Regiment) Maj A. Mineyev. illus Soviet Mil Rev No. 5:12-14 May '80

United StatesSee also

Army Corps of Engineers
1st Cavalry Division

Arctic soldiers (of the Alaska Army National Guard). Bill Mack. illus Soldiers 35:10-14 Mar '80

2d Armored Division: Aviation in the desert. 1stLt David Vogels. illus USA Avn Dig 26:4-6 Sep '80

Blackhorse: 6th Cavalry Brigade (Air Combat). Col Robert F. Molinelli and Capt Michael F. Russell. illus USA Avn Dig 26:2+ Jan '80

The Civil Affairs folks. Col James R. Compton. illus Soldiers 35:40-41 Dec '80

Double Nickle: 55th Signal Company. Capt Bobby L. Brown and Lt Carlos Martoral. illus USA Avn Dig 26:6-7 Jan '80

Heavy Cav: 7th Squadron/17th Cavalry. LtCol E. W. Cavanaugh, Jr and Capt David M. Burnett. illus map USA Avn Dig 26:3+ Jan '80

The 9th Infantry Division. illus Infantry 70:19-22 Jan-Feb '80

Nondivisional Chaparral Vulcan. Capt Robert M. Reddick. illus chart tab Air Def Mag, pp 30-33, Jan-Mar '80

Real Cav: 4th Squadron/9th Cavalry. LtCol Kenneth E. Kimes and Capt Ralph S. Reed. illus USA Avn Dig 26:4+ Jan '80

So you wanna be the Brigade Three (S3) ... Maj's John W. Braden, Jr and V. Paul Baerman. illus Mil Rev 60:47-59 Sep '80

Stud Cav: 34th Support Battalion. LtCol James E. Gauze and Capt Andrew M. Pekema. illus USA Avn Dig 26:5+ Jan '80

United States--Organization

Air defense in the 1980s. 1stLt John N. Davis. illus Mil Rev 60:10-18 Apr '80

Division '86 forward support battalion--a proposal. Maj William W. Ryan. chart Army Log 12:10-12 Nov-Dec '80

Division '86 logistics. Robert P. Smith. chart Army Log 12:2-5 Nov-Dec '80

Division '86 logistics--another view. LtCol James G. McKnight. charts Army Log 12:6-9 Nov-Dec '80

Division '86: Update. Capt John B. Gavalas. illus tabs Fld Arty J 48:22-25 Mar-Apr '80

ARMY - ContinuedAfghanistan

Soviet tactics in Afghanistan. Edgar O'Ballance. illus
Mil Rev 60:45-52 Aug '80

Australia

Field communications in the Australian Army. Col
Peter J.A. Evans. illus Signal 34:94-96+ May-
Jun '80

Belgium

Belgium. LtGen Joseph Amerijckx. illus NATO's
Fifteen Nations Special Issue No. 1:19-20+ '80

Canada

Canada. LtGen J.J. Paradis. illus NATO's Fifteen
Nations Special Issue No. 1:26-27+ '80

Denmark

Denmark. MajGen H.M.H. Boyson. illus tab NATO's
Fifteen Nations Special Issue No. 1:31-32+ '80

Finland

Beating the Russians in snow: The Finns and the Rus-
sians, 1940. Allen F. Chew. illus maps Mil Rev
60:38-47 Jun '80

France

France. Marcel Loubert. illus tabs NATO's Fifteen
Nations Special Issue No. 1:36-38+ '80

New look for French tactical land forces. Capt Jean-
Pierre Pailler. illus Air Def Mag, pp 36-38, Jul-
Sep '80

History

The growth of the French Army during the seventeenth
century. John A. Lynn. Armed Forces & Soc 6:568-
585 Summer '80

GermanyHistory

The King's German Legion at Waterloo. John Koster.
illus map Infantry 70:26-32 Mar-Apr '80

Germany (Federal Republic)

Federal Republic of Germany. LtGen Hans Poeppel.
NATO's Fifteen Nations Special Issue No. 1:
46-47+ '80

NATO strategy under discussion in Bonn. Udo Phi-
lipp. illus maps Intl Def Rev 13, No. 9:1367-
1371 '80

Great Britain

Crusader '80. Christian Eliot. illus NATO's Fifteen
Nations 25:84 Oct-Nov '80

United Kingdom. Gen Edwin Bramall. illus NATO's
Fifteen Nations Special Issue No. 1:98+ '80

History

The barefoot empire (Zululand). John Koster. illus
Infantry 70:27-31 May-Jun '80

The British Army and riot control in early 19th cen-
tury England. Robert Rizzi. Army Qtr 109:74-85
Jan '79

ARMY - ContinuedGreat Britain - Cont'dHistory - Cont'd

Why men deserted from the eighteenth-century Brit-
ish Army. Arthur N. Gilbert. Armed Forces & Soc
6:553-567 Summer '80

Greece

Greece. LtGen Efthimios Karagiannis. illus NATO's
Fifteen Nations Special Issue No. 1:56-59 '80

IsraelOrganization

The Israeli Field Artillery system: An overview.
Capt Mark D. Studer. illus tab Fld Arty J 48:52-55
Jan-Feb '80

Italy

Italy. Gen Eugenio Rambaldi. illus Italy NATO's Fif-
teen Nations Special Issue No. 1:61-62+ '80

Luxembourg

Luxembourg. Col Francois Welfring. illus NATO's
Fifteen Nations No. 1:70-72 '80

NATO

The Armies of NATO. Gen H.F. Zeiner Gundersen
and others. illus NATO's Fifteen Nations Special
Issue No. 1: entire issue '80

Netherlands

Netherlands. Lt-Gen Cornelis De Jager. illus
NATO's Fifteen Nations Special Issue No. 1:
73-74+ '80

Norway

Norway. MajGen Rolv Eios. illus NATO's Fifteen
Nations Special Issue No. 1:80-82+ '80

Portugal

Portugal. Gen Pedro Alexandre Gomes Cardoso.
illus NATO's Fifteen Nations Special Issue No. 1:
85-88 '80

Russia

Beating the Russians in snow: The Finns and the Rus-
sians, 1940. Allen F. Chew. illus maps Mil Rev
60:38-47 Jun '80

Laws governing the development of the Socialist
Army. Capt V. Puzik. Soviet Mil Rev No. 9:16-18
Sep '80

Logistics with a difference. (Soviet Army logistics
capability) LtCol William P. Baxter, Ret. illus
Army 30:29+ Nov '80

Operations in the enemy rear--Soviet doctrine and
tactics. C.N. Donnelly. illus Intl Def Rev 13,
No. 1:35-41 '80

The Soviet Army: Who gives the orders? Steve Ab-
bott. illus Soldiers 35:26-27 Oct '80

Soviet combat operations in World War II: Lessons
for today? Col Graham D. Vernon, Ret. illus Mil
Rev pt 1, 60:30-40 Mar '80; pt 2, 60:42-50 Apr '80

ARMY - ContinuedRussia - Cont'd

Soviet norms for driving tanks in winter. LtCol William P. Baxter, Ret. illus tabs Mil Rev 60:2-8 Sep '80

History

V.I. Lenin and party-political work in the Red Army. MajGen P. Isakov. Soviet Mil Rev No. 2:7-9 Feb '80

Organization

Command and control in the Soviet ground forces. Col Erich Sobik. illus NATO's Fifteen Nations 24: 96-98+ Oct-Nov '79

Hit hard, fast and keep movin'! Steve Abbott. illus Soldiers 35:15-17 Aug '80

Some further background to the Soviet Army. LtCol J.H.C. Currie. map Army Qtr 109:11-18 Jan '79

The Soviet ground forces. Col Daniel K. Malone. illus NATO's Fifteen Nations 25:46-48+ Oct-Nov '80

Study and Teaching

OPFOR (OPposing FORces)--life on the other side. SP5 Steve Davis. illus Soldiers 35:50-52 Nov '80

Turkey

Turkey. Gen Nurettin Ersin. illus NATO's Fifteen Nations Special Issue No. 1:91-92+ '80

Turkey's Army at the brink. Michael Dunn. Def & For Aff 8:42 Aug '80

United StatesSee also

Army Health Services Command
Army Materiel Development and Readiness Command
Forces Command
Military Traffic Management Command
Training and Doctrine Command
Transportation Corps

The Army: A search for values. Maj Daniel M. Smith. illus Mil Rev 60:2-12 Mar '80

The Army and the 1980's. Col John R. Witherell and LtCol Andrew P. O'Meara, Jr. illus Parameters 9:41-51 Dec '79

The Army at Lake Placid ... an Olympian effort. Capt Gardner Nason and Steve Abbott. illus Soldiers 35:15-19 May '80

Army challenges in the 80's: The big picture. Gen E.C. Meyer. (Excerpts from "White Paper 1980") illus Soldiers 35:28-29 Jul '80

Army Chief of Staff issues 'White Paper.' (Excerpts) Gen Edward C. Meyer. Army Log 12:5-7 Jul-Aug '80

Army: Modernization focuses on soldiers. illus Defense/80, pp 2-4, Apr '80

The Army of the future. Interview. LtGen Don R. Keith. illus Def & For Aff 8, No. 5:42-43 '80

Army revitalizing mobilization plans, procedures, assets. LtGen Glenn K. Otis. illus Army 30:118-123 Oct '80

ARMY - ContinuedUnited States - Cont'd

Attitudes of U.S. Army paratroopers toward participation in the quelling of civil disturbances. William C. Cockerham and Lawrence E. Cohen. tabs J Pol & Mil Sociol 7:257-269 Fall '79

The calisthenics of military preparedness. (STARC (State Area Command) readies for Proud Spirit/Mobex '80) Pamela Kane. illus Natl Guard 34: 20-23 Aug '80

Drucker, Clausewitz and us ... Col Evelyn P. Foote. illus Mil Rev 60:51-54 Jul '80

The essence of Army leadership. Col Dandridge M. Malone. illus Mil Rev 60:30-36 Aug '80

The first commandment of leadership: Love thy soldier. Col Richard J. Kattar. illus Mil Rev 60:65-68 Jul '80

The force design dilemma. LtCol Andrew P. O'Meara, Jr. illus Army 30:16-23 Mar '80

Leadership: A return to basics. Gen Edward C. Meyer. illus Mil Rev 60:4-9 Jul '80

Leadership for the Army. Col Charles D. Bussey. illus Mil Rev 60:69-76 Jul '80

Managing soldiers: A personal philosophy of management. LtCol Joel E. L. Roberts. illus tab Mil Rev 60:44-50 Jul '80

National unity resource of value. (Keynote address, Army Section ROA, Washington, Feb 21, 1980) Gen Edward C. Meyer. illus Officer 56:14-15 Apr '80

(1980 Green Book: Status reports, command and staff directory, weapons directory) illus Army 30: entire issue Oct '80

Notes on leadership for the 1980s. MajGen Walter F. Ulmer, Jr. illus Mil Rev 60:10-12 Jul '80

"Now everybody can shoot at me." Interview. Gen Edward C. Meyer. illus Armed Forces J Intl 117:37+ Mar '80

Nunn's "save the Army" campaign: Battle over--or just begun? R. James Woolsey. Armed Forces J Intl 117:10 Aug '80

Play it again, SAM. David Harvey. illus Def & For Aff 8:12-13+ Sep '80

Pre-enlistment expectations/perceptions of Army life, satisfaction, and re-enlistment of volunteers. Col Donald E. Gauntner and others. tabs J Pol & Mil Sociol 8:31-42 Spring '80

(Producing modern Army equipment) (Sustaining members' luncheon address, AFCEA Convention, Washington, June 25, 1980) Percy A. Pierre. illus Signal 34:22-24 Aug '80

Professional ethics is key to well-led, trained Army. Gen Edward C. Meyer. illus Army 30:11-14 Oct '80

Turning away from managerialism: The environment of military leadership. LtCol Paul L. Savage, Ret and Maj Richard A. Gabriel. illus Mil Rev 60:55-64 Jul '80

United States. Gen Edward C. Meyer. illus NATO's Fifteen Nations Special Issue No. 1:105+ '80

ARMY - ContinuedUnited States - Cont'd

The worsening plight of the 'Army's own.' SMA William A. Connelly. illus Army 30:9-11 Apr '80

You can't run an army like a corporation. Col D.M. Malone and Donald D. Penner. illus Army 30:39-41 Feb '80

History

The alleged isolation of U.S. Army officers in the late 19th century. John M. Gates. tabs Parameters 10:32-45 Sep '80

Army museums: Military history on parade. Helen Kay Ellsworth. illus Soldiers 35:50-53 May '80

The educator of the Army (LtGen Lesley J. McNair). Brooks E. Kleber. illus Army 30:50-54 Jul '80

Infantry in the Indian Wars (1866-1890). MSgt Patrick E. Andrews, Ret. illus Infantry pt 1, 70:28-32 Jul-Aug '80; pt 2, 70:37-41 Sep-Oct '80

Special forces of the Plains. (Solomon Avengers, Army scouts against the Indians, 1868) Michael L. Starr. illus Army 30:43-45+ Feb '80

U.S. Army logistics during the Mexican punitive expedition of 1916. Maj George A. Millard. illus map Mil Rev 60:58-68 Oct '80

Organization

Book needed on Chiefs of Staff. MajGen A.S. Newman. illus Army 30:63-65 Jun '80

So you wanna be the Brigade Three (S3) ... Majs John W. Braden, Jr and V. Paul Baerman. illus Mil Rev 60:47-59 Sep '80

Yugoslavia

The Yugoslav ground forces: A look at the past and the present. Milan N. Vego. illus charts map tab Mil Rev 60:14-27 Nov '80

ARMY, 7th

The Harvest Moon caper. Col Walter B. Booth, Ret. illus Army 30:19-21 Nov '80

ARMY, 8th

In Eighth U.S. Army, our eyes are on the north. Gen John A. Wickham, Jr. illus Army 30:82-88 Oct '80

Directories

Eighth U.S. Army. Army 30:219 Oct '80

ARMY, EUROPE

The Harvest Moon caper. Col Walter B. Booth, Ret. illus Army 30:19-21 Nov '80

"Lots of blue ink on the readiness charts." Gen Frederick J. Kroesen. illus Army 30:64-69 Oct '80

'Mystery Battalion' moves out (in Exercise Eligible Receiver II). LtCol Albert G. Folcher, Jr and Maj Michael A. Andrews. illus Army 30:26-29 Feb '80

On the frontier of freedom. SP5 Gary L. Kieffer. illus Soldiers 35:14-18 Dec '80

ARMY, EUROPE - Continued

POMCUS (Pre-positioned Materiel Configured to Unit Sets)--a bright picture. LtCol Harold J. Hicks. illus Army Log 12:14-16 Sep-Oct '80

Soldiers! Start your engines! (Convoys in USAREUR) Sgt1C Gideon C. Chambers. illus Army Log 12: 26-27 Nov-Dec '80

Supplying Europe with repair parts. LtCol James K. Hitch. illus Army Log 12:24-26 May-Jun '80

Teamwork makes Reforger move. illus Translog 11: 1-2 Nov '80

Directories

U.S. Army, Europe. Army 30:218-219 Oct '80

ARMY, JAPANDirectories

U.S. Army, Japan. Army 30:219 Oct '80

ARMY AND AIR FORCE EXCHANGE SERVICE see Exchanges--Armed Forces--U.S.

ARMY ARTILLERY AND MISSILE SCHOOL see Army Field Artillery School

ARMY AVIATIONFrance

Aviation in the French Army. BrigGen Maurice Canet. illus USA Avn Dig 26:1-4 Aug '80

Puerto Rico

Hurricane/Puerto Rico Army National Guard. illus USA Avn Dig 26:34-35 Jan '80

Rhode Island

Operation Snow Blow. Capt Alexander M. Lindsay. illus USA Avn Dig 26:42-44 Jan '80

United States

AACC: Army Aviation Combat Center. Capt Alan J. Bacon. illus USA Avn Dig 26:28-34 Feb '80

16th Air Traffic Control Battalion. Maj James E. Dooley III. illus USA Avn Dig 26:46-48 Oct '80

2d Armored Division. Maj Odis J. Lambright. USA Avn Dig 26:7 Aug '80

2d Armored Division: Aviation in the desert. 1stLt David Vogels. illus USA Avn Dig 26:4-6 Sep '80

Army air defense: A new role? MajGen Oliver D. Street III and LtCol Kenneth N. Brown. illus Army 30:24-29 May '80

Army Aviation and the active defense. Maj William K. Gifford and Capt Fred A. Treys III. illus USA Avn Dig 26:6-7 Apr '80

Army hurt by aviator shortage, but encouraged by success of new aircraft. Benjamin F. Schemmer. illus Armed Forces J Intl 117:38+ May '80

Army's (2dLt Marcella A.) Hayes, 1st Black woman military aviator in U.S. forces. SP4 Robin Drew. illus USA Avn Dig 26: inside back cover Jan '80

ARMY AVIATION - ContinuedUnited States - Cont'd

The aviation commander--new challenges during the 1980s. LtCols E.H.Grayson, Jr and J.W.Lloyd. illus USA Avn Dig 26:6-9 Nov '80

Aviation in Utah continues a rich tradition. Maj Reece Stein. illus Natl Guard 34:29 Apr '80

Aviation personnel management. LtCol Joe D. Carothers. illus tabs USA Avn Dig 26:2-4 Nov '80

Aviator shortage won't go away soon. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:45 May '80

The 6th Cavalry Brigade (Air Combat) plays its ACE (Armament, Communication and Electronic maintenance). Maj Stephen J. Snow. illus tab USA Avn Dig 26:12-15 Aug '80

Horizon bright for Army Reserve aviation program. Maj Dick Crossland. illus Officer 56:18-19 Nov '80

The Infantryman's helicopter in the 1980's. MajGen David E. Grange, Jr. illus USA Avn Dig 26:2-3 Apr '80

15th Military Intelligence Aerial Exploitation Battalion (15th MI AEB). Richard P. Fulton. illus USA Avn Dig 26:42-45 Oct '80

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Safety: Building from the ground up. CW3 Rexford W. Swartz. USA Avn Dig 26:32-33 Nov '80

So a nice girl like you wants to drive a Huey. Capt Deborah K. Gilbert. illus USA Avn Dig 26:15-17 Jul '80

Some operational aspects of the UH-60A Black Hawk. Charles Gilson. illus Intl Def Rev 13, No.7: 1067-1074 '80

Threat: SAM/AAA (Surface-to-Air Missiles/Anti-Aircraft Artillery)? You bet your life! Maj Forrest D. Williams. illus tabs USA Avn Dig 26:8-11 Oct '80

Train to fight. (Army aviators in Europe train extensively in the area where a future war may have to be fought) LtCols Eugene H. Grayson, Jr and Glenn R. Allen. maps USA Avn Dig 26:44-47 Mar '80

The Transportation Center. MajGen Harold I. Small. illus tabs USA Avn Dig 26:2-5+ Oct '80

The vital link--the aviation liaison officer. 1stLt Keith E. Sims. tabs USA Avn Dig 26:28-29 May '80

Why the Army can't hold pilots. Ronald N. Dalby. illus Armed Forces J Intl 117:46+ May '80

History

Airmobility revisited. LtGen Harry W.O. Kinnard, Ret. illus USA Avn Dig pt 1, 26:1-5+ Jun '80; pt 2, 26:8-14 Jul '80

Pioneers of the sky. SSgt Jim Boersema. illus Soldiers 35:22-25 Aug '80

ARMY AVIATION - ContinuedUnited States - Cont'dOrganization

Blackhorse: 6th Cavalry Brigade (Air Combat). Col Robert F. Molinelli and Capt Michael F. Russell. illus USA Avn Dig 26:2+ Jan '80

Double Nickle: 55th Signal Company. Capt Bobby L. Brown and Lt Carlos Martoral. illus USA Avn Dig 26:6-7 Jan '80

Heavy Cav: 7th Squadron/17th Cavalry. LtCol E.W. Cavanaugh, Jr and Capt David M. Burnett. illus map USA Avn Dig 26:3+ Jan '80

Real Cav: 4th Squadron/9th Cavalry. LtCol Kenneth E. Kimes and Capt Ralph S. Reed. illus USA Avn Dig 26:4+ Jan '80

Stud Cav: 34th Support Battalion. LtCol James E. Gauze and Capt Andrew M. Pekema. illus USA Avn Dig 26:5+ Jan '80

ARMY AVIATION HALL OF FAMESee also

Aviation Hall of Fame

ARMY AVIATION RESEARCH AND DEVELOPMENT COMMAND

AVRADCOM's aviation life support developments. Robert A. Matthews. USA Avn Dig 26:10-11 Aug '80

ARMY CORPS OF ENGINEERS

Building the industrial base--DARCOM and the Corps of Engineers. Gen John R. Guthrie. illus tabs Mil Engr 72:393-396 Nov-Dec '80

Engineers--mobilized for peace and war. LtGen John W. Morris. illus tabs maps Mil Engr 72:4-8 Jan-Feb '80

Locks and Dam No. 26: Rehabilitation versus replacement. Col Leon E. McKinney and others. illus Mil Engr 72:110-113 Mar-Apr '80

Our inland merchant marine and the Western Rivers RADM Norman C. Venzke. illus tab 106:119-123 Oct '80

The professional development of engineers. Col Forrest T. Gay III. illus Mil Engr 72:240-243 Jul-Aug '80

Pulling the engineer family together. LtGen John W. Morris, Ret. illus Mil Engr 72:428-430 Nov-Dec '80

ARMY FIELD ARTILLERY SCHOOL

Division '86: Update. Capt John B. Gavalas. illus tabs Fld Arty J 48:22-25 Mar-Apr '80

View from the blockhouse. (Notes from the School) Regular feature in issues of Field Artillery Journal

ARMY FINANCE AND ACCOUNTING CENTER

Diary of a paycheck. SP5 B.J. Small. illus Soldiers 35:47-49 Nov '80

Pay day ... end of the line. SP5 Philip Lawrence. (Reprinted from Soldiers, Sep 1979) illus AF Compt 14:14-15 Jan '80

ARMY FORCES COMMAND see Forces CommandARMY GENERAL STAFF

Book needed on Chiefs of Staff. MajGen A.S.Newman.
illus Army 30:63-65 Jun '80

The Vice Chief: Team player extraordinary. Martin
Blumenson. illus tabs Army 30:34-37 Nov '80

Directories

(Army) command and staff (1980 directory). illus
Army 30:211-222 Oct '80

The Vice Chief: Team player extraordinary. Martin
Blumenson. illus tabs Army 30:34-37 Nov '80

ARMY HEALTH SERVICES COMMAND

HSC (Health Services Command): Readiness demands
healthy soldiers. MajGen Raymond H. Bishop, Jr.
illus Army 30:184-187 Oct '80

ARMY LOGISTICS MANAGEMENT CENTER

Flexibility in logistics education for the eighties. Col
James E. Harris. tabs Signal 34:45-48 Jul '80

ARMY MATERIEL COMMAND see Army Materiel Development and Readiness CommandARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

See also subcommands by name, e.g.,
Missile Command

also
Army Logistics Management Center

Army logistics challenges in the 1980's. Gen John R.
Guthrie. tabs Log Spectrum 14:24-27 Summer '80

Building the industrial base--DARCOM and the Corps
of Engineers. Gen John R. Guthrie. illus tabs Mil
Engr 72:393-396 Nov-Dec '80

Managing DARCOM (Army Materiel Development and
Readiness Command). MajGen Elton J. Delaune,
Jr. illus tab Army Log 12:2-5 May-Jun '80

(Mission of DARCOM) Interview. Gen John R. Guthrie.
illus Mil Elect/Countermeasures 6:19-20+ Oct '80

Not a change in mission, but a change in intensity.
Gen John R. Guthrie. illus Army 30:54-58 Oct '80

Reshaping DARCOM's future. Col Joseph A. Donnan.
illus Army Log 12:2-5 Sep-Oct '80

ARMY MILITARY PERSONNEL CENTER

Project Improve--an MBO success story. MajGen
John S. Crosby. Army Log 12:24-25 Jan-Feb '80

ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT COMMAND

Engineer support for the combined arms team. Col
Albert F. Dorris. illus Armor 89:39-43 Sep-
Oct '80

ARMY POSTSUnited States

Army posts are entered by name and location as given
by the U. S. Organization Chart Service's U. S. Military
and Government Installation Directory.

ARMY POSTS - ContinuedUnited States - Cont'dHistory

The Gibraltar of America. (USAF Reservists help
restore historic Fort Jefferson) Maj Donald E.
Jefferson and Col S. Bruce Beattie. illus Airman
24:45-48 Apr '80

Fort Bliss, TX--History

Historic resources at Fort Bliss (TX). Glen D. De-
Garmo. illus Air Def Mag, pp 41-45, Oct-Dec '80

Fort Chaffee, AR

The wait wears thin. (National Guard and Cuban ref-
ugees at Fort Chaffee, AR) illus Natl Guard 34:
11-13 Aug '80

Fort Eustis, VA

Fort Eustis (VA): A new leader in energy conserva-
tion. illus tabs Translog 11:5-6 Aug '80

Fort Indiantown Gap, PA

First Army CA (Civil Affairs) Reservists find them-
selves 'doing real thing' at Fort Indiantown Gap
(PA). illus Officer 56:12 Aug '80

Inside the barricades. Col Raymond E. Bell, Jr. illus
Natl Guard 34:14-16+ Oct '80

Puerto Rico Army Guard provides the (bilingual) link
(for Cuban refugees). Pamela A. Kane. illus Natl
Guard 34:20-23 Jul '80

Fort Irwin, CA

A National Training Center blooming in the desert.
SSgt Jim Boersema. illus Soldiers 35:18-22 Jul '80

Fort Mason, CA--History

The 'recycling' of Fort Mason. Bill Herman. Army
30:26-29 Jan '80

Fort Rucker, AL

The greening of the blue. (AF helicopter pilot trainees
at Fort Rucker, AL) Sgt Craig Pugh. illus Airman
24:2-6 May '80

ARMY POSTS, AMERICANPanama

Panama adventure. (Army Jungle Operations Train-
ing Center, Fort Sherman) Steve Abbott. illus
Soldiers 35:6-10 Dec '80

ARMY TRAINING AND DOCTRINE COMMAND see Training and Doctrine CommandARMY TRAINING AND EVALUATION PROGRAM

FTX (Field Training Exercise) matrix. Maj Walter
M. Ozawa. illus tab Infantry 70:19-21 Jul-Aug '80

First IHawk firing ARTEP. Maj Edwin S. Stone III.
illus tabs Air Def Mag, pp 4-8, Oct-Dec '80

ARMY TRAINING AND EVALUATION PROGRAM - Continued

Hohenfels holiday. Capt Gardner M. Nason. illus
Soldiers 35:13-16 Nov '80

Unit training management: An approach to a dilemma.
LtCol James R. Whitley. illus tabs Mil Rev 60:53-
58 Aug '80

ARMY WAR COLLEGE

Seminar 10: A National Guard opportunity. Col Ray
E. Bell, Jr. illus Natl Guard 34:12-15 Mar '80

ARNOLD, Eleanor P.

Reminiscences of a great lady (Eleanor Pool Arnold).
Murray Green. por Aerosp Hist 27:199-200 Sep '80

ARNOLD, Henry D.

The challenging environment of C³I. RADM H.D.
Arnold and others. por Signal 34:17-19+ May-
Jun '80

(Major Naval Electronic Systems Command R&D pro-
grams) RADM Henry Duff Arnold. por Mil Elect/
Countermeasures 6:14+ Nov '80

ARNOLD, Henry H.

Reminiscences of a great lady (Eleanor Pool Arnold).
Murray Green. por Aerosp Hist 27:199-200 Sep '80

ARNOLD AIR SOCIETY

Arnold Air Society: More than an extracurricular
activity. Capt Randall S. Mason. illus tab Educ J
22:46-49 AY '79/'80

ARNOLD ENGINEERING DEVELOPMENT CENTER

Computerized engine testing. Charles Sciano. illus
Natl Def 65:45-46 Dec '80

It's wild at Arnold. (A variety of wild animals in a
wildlife reserve at Arnold Engineering Develop-
ment Center) Capt Dick Sheffield. illus Airman 24:
45-48 Aug '80

ART

The seawise pen of David Q. Scott. Roger C. Taylor.
Pictorial. US Nav Inst Proc 106:51-59 Jul '80

To my TI with love. (Murals painted by basic trainees
at Lackland AFB, TX, portray AF life and history)
Amn Walter D. Rath. illus Airman 24:21-24 Jan '80

ARTIFICIAL RESPIRATION

Emergency medicine and the airline passenger. Stan-
ley R. Mohler and others. illus tabs Aviation,
Space & Envt Med 51:918-922 Sep '80

First aid. illus TAC Attack 20:12-13 Jun '80

Guidelines for cardiopulmonary resuscitation. TIG
Brief 32:5 Jul 11 '80

Study and Teaching

All in AF to take CPR training. Len Famiglietti. AF
Times 40:8 Jul 7 '80

ARTILLERY

See also

Guns
Mortars

Artillery reaches a point of evolutionary change. illus
Def & For Aff 8, No.6:30-33 '80

Army--Great Britain

Exhibitions

The Royal Artillery Display 1980. Col Norman Dodd.
illus Asian Def J No.5:105+ Sep-Oct '80

Army--NATO

Field artillery survivability. LtCol G.S. Orr and
others. illus tab Fld Arty J 48:8-21 May-Jun '80

Seven by seven. LtCol Charles W. Montgomery, Ret.
Fld Arty J 48:53-54 Jul-Aug '80

Army--Russia

The big guns: In Red Army still the 'king of battle.'
illus tab Army 30:29-31 Sep '80

The new artillery. Patrick F. Rogers. illus Army 30:
27-33 Jul '80; Fld Arty J 48:36-42 Nov-Dec '80

Soviet 122-mm self-propelled howitzer. LtCol Wil-
liam P. Baxter, Ret. illus (Also cutaway) Fld
Arty J 48:35-37 Jan-Feb '80

Army--U.S.

Aerial displacement of tube artillery. 1stLt Terry G.
Stewart. illus tabs Fld Arty J 48:22-27 Nov-
Dec '80

The armoured M109 ammunition delivery system.
illus (Also cutaway) tab Intl Def Rev 13, No.2:
241-242 '80

Artillery fired atomic projectiles--a field artillery-
man's viewpoint. Col William E. Serchak. illus
Fld Arty J 48:7-12 Mar-Apr '80

HELBAT: The way to tomorrow's artillery? R. B.
Pengelley. illus Intl Def Rev 13, No.1:83-88 '80

Kinetic energy penetrators versus armor. Joseph E.
Backofen, Jr. illus tab Armor 89:13-17 Mar-
Apr '80

Liquid propellant for cannon artillery? Capt Joseph
W. Wilbaugh, Jr. illus Fld Arty J 48:10-14 Nov-
Dec '80

The new artillery. Patrick F. Rogers. illus Army 30:
27-33 Jul '80; Fld Arty J 48:36-42 Nov-Dec '80

Putting the HEL into HELBAT (Human Engineering
Laboratory Battalion Artillery Test). SgtMaj Bruce
N. Bant. illus Soldiers 35:39-41 Mar '80

Marine Corps--U.S.

Learning to live with the M198 howitzer. LtCol
Richard H. Moore and others. illus tabs MarCor
Gaz 64:53-59 Jul '80

Marine artillery needs some adjustment. Maj Eric
P. Visser. illus MarCor Gaz 64:58-66 Sep '80

Training our SP (Self-Propelled) artillery. Capt
W. E. Krout. MarCor Gaz 64:21-22 Jul '80

ARTILLERY - ContinuedNavy--Russia

Artillery in naval action. Capt P.Sokolnikov. illus
Soviet Mil Rev No.5:38-40 May '80

ARTILLERY, ANTI-AIRCRAFT

The AAAT--an armoured air-defense vehicle from
Krauss-Maffei, Hasso Erb. illus tab Intl Def Rev
13, No.2:239-240 '80

Antihelicopter operations. Maj Frank E.Babiasz and
Capt Carl E.Daschke. illus USA Avn Dig 26:24-27
May '80

A better anti-aircraft gunfire control system? illus
Def Elect 12:84-86 Jan '80

Play it again, SAM. David Harvey. illus Def & For
Aff 8:12-13+ Sep '80

Roland; Answer to the low-level air threat. Yves
Robins and others. illus NATO's Fifteen Nations
25:60-66 Feb-Mar '80

The threat: How to fight helicopters--Soviet style.
Capt Carl E.Daschke. illus USA Avn Dig 26:45-47
Jan '80

Threat: SAM/AAA (Surface-to-Air Missiles/AntiAir-
craft Artillery)? You bet your life! Maj Forrest
D.Williams. illus tabs USA Avn Dig 26:8-11
Oct '80

Volatile small arms & helicopters do not mix. Capt
E.Gary Campbell. illus USA Avn Dig 26:26-30
Aug '80

ARTILLERY, ANTITANK

A new anti-tank weapon family from Finland. illus
tab Intl Def Rev 13, No.5:737-738 '80

Renault wheeled armoured vehicles. R.M.Ogorkie-
wicz. illus tab Intl Def Rev 13, No.5:723-727 '80

TASVAL. (Joint Army-Air Force-Marine Corps test
of tactical air power) LtCol Lowell G.La Rue. illus
Air Def Mag, pp 26-29, Jan-Mar '80

U.S.-German: Compatible antiarmor systems? Maj
Phillip W.Gray. illus tab Mil Rev 60:2-8 Nov '80

U.S. tube launched smart anti-tank munitions. Gowri
S.Sundaram. illus Intl Def Rev 13, No.8:1233-
1236 '80

ARTILLERY, FIELD

After the tank, then what? Maj Orville T.Stokes, Jr.
illus Fld Arty J 48:44-49 Jul-Aug '80; Mil Rev 60:
2-12 Oct '80

Battery positions are out-of-date. LtGen David E.
Ott. illus Army 30:57-59 Mar '80; Fld Arty J
48:54-56 May-Jun '80

Direct support field artillery beyond 1990. LtCol Wil-
liam W.Breen, Ret. illus Fld Arty J 48:33-38 Jul-
Aug '80

Field artillery employment in the active defense. Maj
Floyd V.Churchill. illus Mil Rev 60:43-50 Feb '80

Field artillery in the 1980s. Ian Hogg. illus NATO's
Fifteen Nations Special Issue No.1:123+ '80

Field artillery support. Col John E.Donohue. illus
Air Def Mag, pp 19-22, Jul-Sep '80

ARTILLERY, FIELD - Continued

Field artillery survivability. LtCol G.S.Orr and
others. illus tab Fld Arty J 48:8-21 May-Jun '80

The Israeli Field Artillery system: An overview.
Capt Mark D.Studer. illus tab Fld Arty J 48:52-55
Jan-Feb '80

Letters to an artilleryman. LtCol Donald K.Griffin.
illus Fld Arty J 48:50-56 Sep-Oct '80

Marine artillery needs some adjustment. Maj Eric
P.Visser. illus MarCor Gaz 64:58-66 Sep '80

New concepts for organizing and managing fire sup-
port, 1986-2000. Col Robert S.Riley, Ret. charts
Fld Arty J 48:42-47 Jan-Feb '80

On the firing line. Regular feature in issues of
National Defense

An open letter to company grade artillerymen. LtCol
Leslie E.Beavers. illus Fld Arty J 48:23-27 Jan-
Feb '80

PADS: Positioning and Azimuth Determining System.
Maj David R.Rogers and Capt Robert R.Roe. illus
tabs Fld Arty J 48:21-26 Jul-Aug '80

The roar of the 8-incher. Truman R.Strobridge and
Bernard C.Nalty. illus Fld Arty J 48:30-36 Mar-
Apr '80

Rockets and missiles: An obituary for cannon? Maj
William P.Wheelihan. illus tab Fld Arty J 48:12-14
Jul-Aug '80

Towed artillery on future battlefields. Felix Müller.
illus Armada Intl 4:6-8+ Mar-Apr '80

View from the blockhouse. (Notes from the Army
Field Artillery School) Regular feature in issues
of Field Artillery Journal

History

(Col John) Pelham--the gallant artilleryman (of the
Confederate Army). Col Robert M.Stegmaier, Ret.
illus Fld Arty J 48:50-52 Mar-Apr '80

Tadeusz Kosciuszko: Father of American artillery
tactics. Capt David T.Zabecki. illus Fld Arty J
48:58-60 Jul-Aug '80

Maintenance and Repair

Your artillery mechanic ... the invisible soldier.
MSgt Sanford L.Swope. illus Fld Arty J 48:40-41
May-Jun '80

Organization

The direct support field artillery battalion: Is it time
for a change? Maj Kenneth A.Owen. illus Fld
Arty J 48:30-32 Jul-Aug '80

Division '86: Update. Capt John B.Gavalas. illus tabs
Fld Arty J 48:22-25 Mar-Apr '80

Study and Teaching

Coming soon: Lance tactical ASP (Annual Service
Practice) for Europe? Maj Robert H.Kimball.
illus Fld Arty J 48:13-15 Mar-Apr '80

Field Artillery training. Capt Gardner M.Nason.
illus Soldiers 35:13-17 Feb '80

ARTILLERY, FIELD - ContinuedStudy and Teaching - Cont'd

MILES (Multiple Integrated Laser Engagement Simulation System): Realistic training for direct support artillery. Col Earl S. Stein, Ret and others. illus tabs Fld Arty J 48:44-47 Sep-Oct '80

Testing

HELBAT: The way to tomorrow's artillery? R. B. Pengelley. illus Intl Def Rev 13, No. 1:83-88 '80

ARTILLERY RANGES see Bombing and Gunnery Ranges

ASIA

In search of Asia. Joe P. Dunn. AU Rev 31:129-134 May-Jun '80

ASIA, EASTERN

Developments in East Asia. Brig F. W. Speed. Army Qtr 109:19-22 Jan '79

A strategic analysis of Northeast Asia and the Northwest Pacific. CAPT John F. Tarpey, Ret. illus maps US Nav Inst Proc 106:106-125 May '80

Strategic planning and the policy process: American plans for war in East Asia, 1945-1950. Roger Dingman. Nav War Col Rev 32:4-21 Nov-Dec '79

Strategic Importance

Japan: The reluctant superpower. Stefan Gelsenheyner. illus Def Elect 12:93-94+ Feb '80

Soviet Asian pre-occupations. Jacquelyn Porth. illus Def & For Aff 8:32-33 Aug '80

A strategic analysis of Northeast Asia and the Northwest Pacific. CAPT John F. Tarpey, Ret. illus maps US Nav Inst Proc 106:106-125 May '80

ASIA, SOUTHEASTERN

ASEAN faces the prospect of a military alliance. John C. Burton. illus Def & For Aff 8:10-13+ Aug '80

New patterns of strategic conflict in Southeast Asia. Justus M. van der Kroef. illus Parameters 10: 60-68 Jun '80

Self-support for South East Asia's dominoes. maps Intl Def Rev 13, No. 4:463-465 '80

Foreign RelationsRussia

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

Strategic Importance

Indochina versus ASEAN? Southeast Asia in the world of the 1980s. Peter Lyon. illus map NATO's Fifteen Nations 25:38-41 Feb-Mar '80

ASIA, SOUTHWESTERNStrategic Importance

The Persian Gulf and Southwest Asia: Interests & strategies. Harold Brown. illus Defense/80, pp 2-9, Jun '80

ASPIN, Les

Debate over U.S. strategic forecasts: A mixed record. Rep Les Aspin. por Strat Rev 8:29-43 Summer '80

Debate over U.S. strategic forecasts: A poor record. William T. Lee. Strat Rev 8:44-57; Rebuttal. Rep Les Aspin. 8:57-59 Summer '80

ASSIGNMENTS, MILITARYSee also

Tours of Duty

Air Force junior officers: Changing prestige and civilianization. Frank R. Wood. tabs Armed Forces & Soc 6:483-506 Spring '80

Assignment poll: Most dislike setup. John Ginovsky. AF Times 41:11 Dec 8 '80

General officer changes. Regular feature in News Call section of some issues of Army

General officer changes. (Title varies) Regular feature in some issues of Marine Corps Gazette

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

How many up high, fly? AF Times 41:6 Nov 17 '80

More will get home basing--year old program extended to lieutenants, first term airmen. Bruce Callander. AF Times 40:3 Jan 21 '80

Officer career guide due soon. AF Times 41:18 Aug 11 '80

Pilots who stick get preferences (for new weapon system assignments). AF Times 41:6 Dec 15 '80

Rated prioritization--setting the record straight. Col Henry Viccellio, Jr. Aerosp Safety 36:20-22 Jun '80

Senior Army officers in special assignments. Army 30:219 Oct '80

Senior staff changes. Regular feature in issues of Air Force Magazine

Soldier couples. SP5 Linda D. Kozaryn. illus Soldiers 35:10-14 Sep '80

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

ASSOCIATION OF SOUTHEAST ASIAN NATIONS

ASEAN defence commentary. Regular feature in issues of Asian Defence Journal beginning with July-August 1980

ASEAN defence news. Regular feature in issues of Asian Defence Journal

ASEAN faces the prospect of a military alliance. John C. Burton. illus Def & For Aff 8:10-13+ Aug '80

ASEAN under pressure. V. Yefremov. Soviet Mil Rev No. 8:53-54 Aug '80

Indochina versus ASEAN? Southeast Asia in the world of the 1980s. Peter Lyon. illus map NATO's Fifteen Nations 25:38-41 Feb-Mar '80

ASSOCIATION OF SOUTHEAST ASIAN NATIONS - Continued

New patterns of strategic conflict in Southeast Asia. Justus M. van der Kroef. illus Parameters 10: 60-68 Jun '80

Self-support for South East Asia's dominoes. maps Intl Def Rev 13, No.4:463-465 '80

South East Asia air defence. AVM Stewart Menaul. illus Asian Def J No.2:74-76 Mar-Apr '80

UN debate on Cambodia. (Statement at UN General Assembly, Oct 16, 1980) Anthony Parsons. map Asian Def J No.6:34-38 Nov-Dec '80

U.S. role in South Pacific. illus Asian Def J No.6:53+ Nov-Dec '80

ASSOCIATION OF THE U.S. ARMY

Focus on readiness at (AUSA) 1980 Annual Meeting (Washington, Oct 13-15, 1980). Eric C.Ludvigsen illus Army 30:42-49+ Dec '80

LtGen James M. Gavin to get Marshall Medal (from AUSA). illus Army 30:11 Aug '80

(President's (Norman R. Augustine) report and awards at AUSA Annual Meeting, Washington, Oct 13-15, 1980) illus Army 30:44-48 Nov '80

Exhibitions

AUSA '79: Crash programs to counter deployed Soviet armour. illus Intl Def Rev 13, No.1:89-94+ '80

ASTRONAUTICS see Space Flight

ASTRONAUTS

Fitness variables and the lipid profile in United States astronauts. M.A.Berry and others. tabs Aviation, Space & Envmt Med 51:1122-1126 Nov '80

Man in open space. (Interview with Lt-Col Alexei Leonov) illus Soviet Mil Rev No.3:14-17 Mar '80

ASTRONOMY

See also
Radio Astronomy

Stargazing for fun. Capt Stephen P.Pappas. illus Navigator 27:17-20 Spring '80

ATKESON, Edward B.

When turfs overlap: A study of organizations in collision. (U.S. Army intelligence community) MajGen Edward B.Atkeson. illus Army 30:38-43 Nov '80

ATLANTIC COMMAND, ALLIED see Allied Command Atlantic

ATLANTIC COMMUNITY

Energy, economics and security in alliance perspective. Robert J.Lieber. tabs Intl Sec 4:139-163 Spring '80

ATMOSPHERE

Atmospheric effects on radio wave propagation. John B. Beach. illus tabs Def Elect pt 1, 11:95-98 Dec '79; pt 2, 12:75-76+ Feb '80; pt 3, Atmospheric effects on IR/EO propagation. 12:77-78+ Apr '80

ATMOSPHERE - Continued

Effects of ozone on symptoms and cardiopulmonary function in a flight attendant surrogate population. Michael T.Lategola and others. illus tabs Aviation, Space & Envmt Med 51:237-246 Mar '80

This thing called density altitude. illus Aerosp Safety 36: inside front cover Aug '80

ATTACK AND DEFENSE (MILITARY SCIENCE)

APCs in battle. Col V.Buyar. illus Soviet Mil Rev No.10:24-26 Oct '80

The active defense. Capt Wayne M.Hall. illus Armor 89:12-15 May-Jun '80

Active defense and all that. Col Robert E.Wagner. illus Mil Rev 60:4-13 Aug '80

Air assault division: Missions. Maj Briley W.Howell, Jr. illus Mil Rev 60:19-29 Feb '80

Army air defense: A new role? MajGen Oliver D. Street III and LtCol Kenneth N.Brown. illus Army 30:24-29 May '80

Assuming the defensive. Maj-Gen L.Korzun. Soviet Mil Rev No.11:20-22 Nov '80

Attack from march column. Col V.Kotikov. illus Soviet Mil Rev No.5:24-26 May '80; Infantry 70: 24-26 Nov-Dec '80

A battalion-strong advanced detachment in defence. Col Yu. Chernyshov. Soviet Mil Rev No.4:36-37 Apr '80

Battery security in the active defense: A proposal. Col Joseph L.Nagel and Maj Floyd V.Churchill. illus tabs Fld Arty J 48:56-60 Mar-Apr '80

Company position defense. Capt Mark H.Gerner. illus Infantry pt 1, 70:23-25 Jan-Feb '80; pt 2, 70:23-25 Mar-Apr '80

Counter command and control in conceptual perspective. LtCol John E.Rothrock, Jr. AU Rev 31:94-101 Jan-Feb '80

Development of defensive tactics (on the experience of the Great Patriotic War). Col G.Ionin. Soviet Mil Rev No.1:34-35 Jan '80

The economics of war: Doctrine, tactics, \$, rubles, Marx, Engels and Adam Smith. Col D.K.Malone. Armed Forces J Intl 117:72-73 Jun '80

Field artillery employment in the active defense. Maj Floyd V.Churchill. illus Mil Rev 60:43-50 Feb '80

Field artillery survivability. LtCol G.S.Orr and others. illus tab Fld Arty J 48:8-21 May-Jun '80

The forward infantry force defense. Maj Robert A. Frizzo. illus tab Mil Rev 60:20-29 May '80

Hit hard, fast and keep movin'! Steve Abbott. illus Soldiers 35:15-17 Aug '80

How far back is the rear? Capt Karen L.Frey. illus Mil Rev 60:64-66 Feb '80

Initiative in battle. Col I.Tikhankov. Soviet Mil Rev No.6:20-21 Jun '80

ATTACK AND DEFENSE (MILITARY SCIENCE) - Continued

- Long range air defence. MajGen O.D.Street III and LtCol K.N.Brown. illus tab NATO's Fifteen Nations 25:47-48+ Aug-Sep '80
- Man against armor. BrigGen S.L.A.Marshall. illus Armor 89:30-36 Jan-Feb '80
- New concepts for organizing and managing fire support, 1986-2000. Col Robert S.Riley, Ret. charts Fld Arty J 48:42-47 Jan-Feb '80
- The North German Plain attack scenario: Threat or illusion? Gen James H.Polk, Ret. illus Strat Rev 8:60-66 Summer '80
- Perceptions of the next war: Historical perspective on adjustment of doctrine and tactics to weapons. Col T.N.Dupuy, Ret. tabs Armed Forces J Intl 117: 49-50+ May '80
- The prevention of preemptive attack. CAPT Frank Andrews, Ret. illus US Nav Inst Proc 106:126-139 May '80
- Principles of modern battle. LtGen N.Neyolov. illus Soviet Mil Rev No.2:16-19 Feb '80
- Sabine Pass--another look. Capt John N.Davis. illus maps Air Def Mag, pp 19-22, Oct-Dec '80
- Soviet tactics for overcoming NATO antitank defenses. C.N.Donnely. (Reprinted from International Defense Review, No. 7, 1979) Infantry pt 1, 70:20-26 Sep-Oct '80; pt 2, 70:16-23 Nov-Dec '80

ATTITUDES

- Appearance and attitude. TIG Brief 32:7 Feb 22 '80
- Changing attitudes of war. Belinda L.Parker. illus Sergeants 18:26-31 Nov '80
- Humor--a much needed remedy. Mike Nason. illus Sergeants 18:20-22 Dec '80
- Influencing attitudes, safety wise. TIG Brief 32:20 Nov 28 '80
- Interoperability (at the grass roots level): A little view. Capt Richard S.Gourley. illus Infantry 70: 15-17 May-Jun '80
- A mature, professional approach to our daily frustrations. TIG Brief 32:11 Feb 8 '80
- Moral education. Col I.Konovalov. illus Soviet Mil Rev No.1:28-29 Jan '80
- Personal help plan (Lifespring) draws AF frowns. Len Famiglietti. AF Times 41:11 Sep 8 '80
- The selection of modern warriors. (Report of a seminar, RUSI, May 17, 1979) Hugh L'Etang and others. RUSI J for Def Studies 124:11-18 Dec '79
- Sociopolitical alienation and military efficiency. Stephen D.Wesbrook. tabs Armed Forces & Soc 6: 170-189 Winter '80
- Status of our strength and will. (Presentation, Dining-Out, Wright-Patterson AFB, OH, Sep 13, 1980) LtGen Richard E.Merkling. AF Plcy Ltr For Comdrs: Sup, pp 16-21, Nov '80
- Survey of family attitudes--good communication most important. AF Times 41:10 Nov 3 '80

ATTITUDES - Continued

- That red carpet attitude. Interview. RADM Charles E.Gurney III. illus Def Mgt J 16:7-11 First Quarter '80
- What's your attitude? TIG Brief 32:12 Nov 14 '80
- Who's defeating the system? TIG Brief 32:12 Oct 17 '80
- Why do I do the things I do? Capt Gordon N.Golden. illus Aerosp Safety 36:20-21 Dec '80

AUDIO-VISUAL AIDS

- Audiovisual equipment evaluation. TIG Brief 32:6 Mar 7 '80
- Logistics assistance by television. Sgt1C Robert H. Colwell. illus Army Log 12:12-13 Mar-Apr '80
- Shootout at Ivan's Alley (DeCarolus Device, a portable training system utilizing three slide projectors, three screens, a slide pulsing tape recorder and a synchronization unit with 35mm slides). 1stLt Victor Dubina. illus Natl Guard 34:23-25 Nov '80
- Supermarket. (Army Training and Audiovisual Support Centers) MSgt Matt Glasgow. illus Soldiers 35:39-41 Apr '80
- Visuals can make your meetings better. B.Y.Auger. illus Armed Forces Compt 25:10-14 Nov '80

AUDITING

- See also
Air Force Audit Agency
- Auditor General. AF Compt 14:32 Oct '80
- (Congress and DOD) (Remarks, Washington Chapter, American Society of Military Comptrollers, Sep 25, 1979) Rep Jack B.Brooks. illus Armed Forces Compt 25:12-13+ Feb '80
- DOD calls for audits to combat BX fraud. AF Times 40:10 Feb 25 '80
- \$ cutting audit edict worries DOD. AF Times 41:18 Nov 3 '80
- How "Surveys & Investigations" helps Congress cut waste. illus Govt Exec 12:41-42 Apr '80
- A look at quality assurance through the audit process. Phyllis J.Hansen. Aviation, Space & Envmt Med 51:937-938 Sep '80
- Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:43 Jan '80
- Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:38 Apr '80
- Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:29 Jul '80
- Well-controlled accounting systems--a must for the eighties. (Address, American Society of Military Comptrollers National Symposium, San Antonio, May 22, 1980) Elmer B.Staats. illus Armed Forces Compt 25:4-7+ Nov '80

Directories

- Key audit people by (Air Force) bases & major commands. Table only. AF Compt 14:40+ Oct '80

AUSTRALIA

The sun sentinals. (Air Weather Service's sun observatory in western Australia) SMSgt Dave Sheeder. illus Airman 24:44-48 Oct '80

AUSTRIAStrategic Importance

Area defence--Austria's security. Otto Roesch. illus tab NATO's Fifteen Nations 25:43-44+ Jun-Jul '80

AUTOGIROSHistory

The autogyro--an unconventional beast was a forerunner of the helicopter. Col Thomas J. Saxon, Jr. Ret. illus MarCor Gaz 64:74-79 May '80

AUTOMATIC CARRIER LANDING SYSTEM

Integrated simulation. Russel M. Vorce and CPO Frank N. Griffith. illus US Nav Inst Proc 106:109-110 Nov '80

AUTOMATIC DIGITAL NETWORK

Do you have AUTODIN problems? TIG Brief 32:22 Jul 25 '80

AUTOMATIC LANDING SYSTEMSSee also

Automatic Carrier Landing System
Microwave Landing Systems

Automatic landing--now a matter of course. illus tabs Interavia 35:583-586 Jul '80

SCA (Southern Communications Area) revamps navigational aid (Instrumental Landing System). AF Times 41:35 Oct 20 '80

History

(Col) George V. Holloman: Missile pioneer. Jacob Neufeld. illus Aerosp Hist 27:101-102 Jun '80

AUTOMATIC TEST EQUIPMENT

ATLAS (Abbreviated Test Language for All Systems)--the new direction in automatic testing. CW3 Dennis A. Harris. illus tab Air Def Mag, pp 7-11, Jan-Mar '80

Integrated simulation. Russel M. Vorce and CPO Frank N. Griffith. illus US Nav Inst Proc 106:109-110 Nov '80

AUTOMATIC VOICE NETWORK

The next generation CONUS AUTOVON. Martin A. Thompson and Tom M. Shimabukuro. tabs illus Signal 34:75-80 Feb '80

AUTOMATIONSee also

Electronic Data Processing Systems

Automating the State Department. Govt Exec 12:50 Aug '80

Command technology: Voennaya sistemoteknika. An algorithmic approach to decision-making. Col J. Hemsley. illus map tabs RUSI J for Def Studies 125:58-64 Sep '80

Computer explosion brings challenges. Maj William R. Dunn. illus Army 30:39-40 Apr '80

AUTOMATION - Continued

Diary of a paycheck. SP5 B.J. Small. illus Soldiers 35:47-49 Nov '80

Finding all the regulations that apply, automatically! (Improving access to the Code of Federal Regulations) Charles Brown. Govt Exec 12:20-21 Jul '80

'Lifeblood' of full combat power. MajGen Clay T. Buckingham. illus Army 30:20-22+ Apr '80

Navy improves inventory process through combining systems. illus Govt Exec 12:48 Sep '80

Navy's automated information office: Answers in seconds, not months. illus Govt Exec 12:49-50 Feb '80

The office: Equipment is changing the face of government. illus Govt Exec 12:14+ Oct '80

System engineering--the key to effective transition/evolution of Army C³ systems. MajGen Emmett Paige, Jr. Signal 34:17-21 Jul '80

Taking the guesswork out of training. (MAFIS, Mobile Automated Field Instrumentation System) SSgt Adolph C. Mallory. illus Army 30:45-46+ Aug '80

AUTOMOBILES

Deaths off 3 percent for occupants. AF Times 41:35 Nov 3 '80

Decal for privately-owned vehicle registration. TIG Brief 32:5 Feb 8 '80

Extended driving--how far is too far? SSgt Steve Hull. illus TAC Attack 20:18-20 May '80

GSA (General Services Administration) announces new rate increases (in the Interagency Motor Pool System). TIG Brief 32:9 Jul 25 '80

Tests show small cars lethal in head-on crashes. AF Times 41:29 Sep 15 '80

Drivers and Driving

See Motor Vehicles--Drivers and Driving

Maintenance and Repair

Operating cars will cost more (in) Japan, Okinawa. AF Times 41:3 Dec 15 '80

AUTOPILOT

Electronics: Autopilot of the future. Deborah M. Kyle. Armed Forces J Intl 117:38 Jun '80

AUXILIARY SHIPSSee also

Icebreakers

United States

Yellowstone--a classy class of tender. LT Lee M. Foley. illus US Nav Inst Proc 106:93-94 Feb '80

AVIATION

For articles on commercial air transportation companies see Airlines; for articles on technical and technological aspects of aviation and aircraft see Aeronautics; for popular, nontechnical articles on the pleasures of flying see Flying.

See also

Flights, Famous and Historic

Aerospace world. Regular feature in issues of Air Force Magazine

AVIATION - Continued

The armchair aviator. Regular feature in issues of
Air Force Times

U.S. and European general aviation: Fleets and utilization. illus tabs Interavia 35:802-804 Sep '80

The world of aerospace. Regular feature in issues of
Interavia

ExhibitionsAsia, Southeastern

ADEX (Asian Defence Expo) '80 seen from the air.
illus Aerosp Intl 16:16 Mar-Apr '80

China (People's Republic)

The British Aviation Equipment Exhibition, Shanghai,
26 March-5 April, 1980. illus Interavia 35:556-557
Jun '80

Shanghai 1980. Esmond Ward. illus Aerosp Intl 16:18
May-Jun '80

Germany (Federal Republic)

Hanover Air Show stresses TKF future. illus Aerosp
Intl 16:14+ May-Jun '80

Hanover International Air Show (ILA '80) highlights.
illus (Also cutaway) Interavia 35:491-498 Jun '80

ILA (International Aerospace Exhibition) '80 in Han-
over: The Federal Republic of Germany welcomes
the world aerospace industry. Arno L. Schmitz.
illus tabs NATO's Fifteen Nations 25:69-70+ Feb-
Mar '80

ILA '80--Hanover (International Aerospace Show),
bigger than ever. Robert Heck. illus Armada Intl
4:62+ Jan-Feb '80

International Aerospace (Exhibition ILA '80) in Han-
over. illus tabs Aerosp Intl 16:19-20+ Mar-Apr '80

Great Britain

The British aerospace industry at Farnborough. Yves
Robins. illus Aerosp Intl 16:4-6+ Sep-Oct '80

Farnborough International '80: Aerospace waiting for
decisions. illus Interavia 35:756-758 Sep '80

Farnborough International 1980 prospects. illus Ar-
mada Intl 4:136+ Jul-Aug '80

Farnborough International 1980 shatters all records.
Robert Salvy and Felix Müller. illus Armada Intl
4:20-22+ Sep-Oct '80

Farnborough 1980. illus tab Armed Forces J Intl 118:
34+ Sep '80

Farnborough '80. illus Interavia 35:887-890 Oct '80

Farnborough 1980: An extremely comprehensive show.
Yves Robins. illus NATO's Fifteen Nations 25:87-
88+ Oct-Nov '80

The Farnborough Show: One of the best in the series.
Yves Robins. illus Aerosp Intl 16:66+ Nov-Dec '80

Military highlights from Farnborough International
'80. illus Intl Def Rev 13, No.8:1285-1290 '80

The tin trees of Farnborough '80. John W. R. Taylor.
illus AF Mag 63:42-45 Nov '80

AVIATION - ContinuedExhibitions - Cont'dGreat Britain - Cont'd

The U.S. returns to Farnborough in strength. F. Clif-
ton Berry, Jr. illus AF Mag 63:46-49 Nov '80

United States--History

Popularizing history of flight. (National Air and
Space Museum) Bruce Callander. illus AF Times
40:20+ Apr 14 '80

History

From Kitty Hawk to Pearl Harbor. Bruce Callander.
illus AF Times 41:20+ Dec 8 '80

A page from the past: Balloons or bombers. illus
Aerosp Safety 36:24-26 Aug '80

International Aspects

Is general aviation at a turning point? Marc Grangier.
illus tabs Interavia 35:799-801 Sep '80

Laws and RegulationsSee Air LawPhysiological AspectsSee also specific conditions, e. g.,

Decompression

Hypoxia

Agricultural aviation medicine in the Soviet Union.
S.R. Mohler. illus Aviation, Space & Envmt Med
51:515-517 May '80

The bucking bronco syndrome. Ronald R. Simmons.
illus USA Avn Dig 26:44-47 Aug '80

Cardiovascular responses of man exposed to +Gz
accelerations in a centrifuge. B. Vettes and others.
illus tabs Aviation, Space & Envmt Med 51:375-
378 Apr '80

Development, test, and evaluation of an advanced
anti-G valve for the F-15. R.R. Burton and others.
illus tabs Aviation, Space & Envmt Med 51:504-509
May '80

Disorders of the menstrual cycle in airline steward-
esses. R. Iglesias and others. tabs Aviation, Space
& Envmt Med 51:518-520 May '80

Dr SAM (School of Aerospace Medicine)--from the
laboratory to the aircraft. illus TAC Attack 20:
23-25 Nov '80

Food for thought. SqLdr John C. Griffiths. illus
Aerosp Safety 36:8-10 Nov '80

G-tolerance: A case for short pilots. Maj James E.
Whinnery and Sidney D. Leverett, Jr. illus Aerosp
Safety 36:6-7 May '80

Human tolerance to aerial combat maneuvers. Russell
R. Burton and Robert M. Shaffstall. tabs Aviation,
Space & Envmt Med 51:641-648 Jul '80

Pace yourself. Maj James G. Gibson II. illus MAC
Flyer 27:8-11 Oct '80

The prolapsed mitral valve syndrome and the flyer.
Russell B. Rayman. Aviation, Space & Envmt Med
51:287-289 Mar '80

AVIATION - ContinuedPhysiological Aspects - Cont'd

Residual effects of alcohol on aircrew performance. Leon M. Wise. (Reprinted from SAFE Journal, Summer 1980) illus Aerosp Safety 36:16-19 Sep '80

See and avoid. Maj Pete Abler. illus TAC Attack 20: 4-6 Apr '80

Visual and postural motion aftereffects following parabolic flight. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 51: 230-233 Mar '80

What you think you see ... sometimes isn't. Penelope Nelson. illus Aerosp Safety 36:20-23 Aug '80

Where did I say I was? CDR V.M. Voge. (Reprinted from Approach, Sep 1980) illus Aerosp Safety 36: 24-26 Nov '80

Which way is down? CDR V.M. Voge. (Reprinted from Approach, May 1980) illus Aerosp Safety 36:16-18 Jul '80

Psychological Aspects

Air discipline, brains, roe, mindrolling, and wall-bangers. Maj Gary L. Sholders. Aerosp Safety 36: 16-18 Aug '80

Airmen's psychological stability. Col S. Davtyan. illus Soviet Mil Rev No. 9:34-35 Sep '80

But I thought ... CDR V.M. Voge. (Reprinted from Approach, Aug 1980) illus Aerosp Safety 36:24-25 Oct '80

For pilots only. Roger G. Crewse. Aerosp Safety 36: 2-3+ Jan '80

Programming your own computer. Robert E. Coward and William H. Nelson. TAC Attack 20:26-27 Sep '80

A questionnaire study of psychological background factors in U.S. Navy aircraft accidents. R.A. Alkov and M.S. Borowsky. tabs Aviation, Space & Envmt Med 51:860-863 Sep '80

To err is human. Maj Wayne Griffith. illus TAC Attack 20:20-23 Apr '80

Why do I do the things I do? Capt Gordon N. Golden. illus Aerosp Safety 36:20-21 Dec '80

Europe, Western

U.S. and European general aviation: Fleets and utilization. illus tabs Interavia 35:802-804 Sep '80

Great Britain

UK civil maritime air operations. Derek Wood. illus map Interavia 35:152-154 Feb '80

Norway

Norway: Maritime aviation booming. Knut Løvstuaugen. illus Interavia 35:150-151 Feb '80

United States

New perspectives on aviation: Is the sky still the limit? (Louis H. Bauer Lecture) John H. Winant. Aviation, Space & Envmt Med 51:809-813 Aug '80

U.S. and European general aviation: Fleets and utilization. illus tabs Interavia 35:802-804 Sep '80

AVIATION - ContinuedUnited States - Cont'dHistory

Aviation historian Paul Garber: Sixty years with the Smithsonian. William P. Schlitz. illus AF Mag 63: 77-81 Jun '80

(Col) George V. Holloman: Missile pioneer. Jacob Neufeld. illus Aerosp Hist 27:101-102 Jun '80

The man (Maj Rudolph "Shorty" Schroeder) with the frozen eyeballs (1920). Hal Craven. illus Translog 11:7-8 Feb '80

Pioneers of the sky. SSgt Jim Boersema. illus Soldiers 35:22-25 Aug '80

AVIATION, COMMERCIAL

Here are entered general articles on transportation of personnel and/or cargo by commercial aircraft.

See also

Air Cargo
Airlines
Airports

Economic Aspects

Aviation fuel and the airlines. Paul Maurice. illus tabs Interavia 35:1008-1009 Nov '80

Commercial airlines: Flights up, \$\$ down. AF Times 41:8 Nov 24 '80

Company reports review. Regular feature in some issues of Interavia

How to get more out of your 747: Pan Am and Qantas take different routes. Paul Maurice. illus Interavia 35:931-935 Oct '80

Outlook for air transportation. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jan 21 '80

Storm signals for international air transport. Interavia 35:1007 Nov '80

International AspectsSee also

Airplane Hijacking

Laws and RegulationsSee Air LawEurope, Western

The next medium-range airliner--European airlines' wish list. illus map Interavia 35:1147-1148 Dec '80

Two different styles in European commuter airlines. Marc Grangier. illus Interavia 35:815-817 Sep '80

Germany (Federal Republic)

The latest 737 enters service. illus Interavia 35:958-959 Oct '80

Great Britain

Air Europe flies the British holidaymakers. Paul Maurice. illus Interavia 35:949-950 Oct '80

The latest 737 enters service. illus Interavia 35:958-959 Oct '80

AVIATION, COMMERCIAL - ContinuedIceland

Iceland's air transport network. Doug Birch. illus
Interavia 35:634-635 Jul '80

Switzerland

Swissair stresses environment benefits of DC-9
Super 80. Mark Lambert. illus Interavia 35:1105-
1106 Dec '80

United States

Commuter aircraft and FAR (Federal Aviation Regulation) 24: New rules for a changing game. Marc Grangier and Eric Biass. illus Interavia 35:719-722 Aug '80

FAA & industry: First to be forced apart? David Hoffman. Govt Exec 12:26-27 Jun '80

767--Boeing's next world-beater. Klaus Regelin. illus
Interavia 35:678-686 Aug '80

AVIATION CLUBS see Aero Clubs

AVIATION HALL OF FAME

1980 (Aviation) Hall of Fame ceremonies. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 11 '80

AVIATION MEDICINE

Agricultural aviation medicine in the Soviet Union. S.R. Mohler. illus Aviation, Space & Envmt Med 51:515-517 May '80

Dr Sam. Regular feature in some issues of TAC Attack

(Papers) (Joint Committee on Aviation Pathology, 11th Scientific Session, U.S. Naval Academy, Annapolis, Sep 5-8, 1978) illus tabs Aviation, Space & Envmt Med 51:959-1079 Sep '80

Planning the Aerospace Medicine Program. TIG Brief 32:15 Jan 25 '80

Self-medication: Do as I teach, not as I did. Maj Peter J. Edgette. illus USA Avn Dig 26:38-39 Jul '80; Aerosp Safety 36:12-13 Nov '80

ResearchSee also

Aviation--Physiological Aspects

Pilot study on the value of a beta-blocking drug in initial helicopter training. E. Donaldson and others. tabs Aviation, Space & Envmt Med 51:926-929 Sep '80

Women to get centrifuge tests at SAM (School of Aviation Medicine). AF Times 41:20 Nov 17 '80

AVIATION RECORDS

Here are entered articles on record flying time for a given distance. For articles on time spent in flying by an individual pilot to maintain his proficiency rating see Flying Time. For articles on logs and reports of a flight see Flight Records.

Navy Neptune in '46 set distance record. Jay Miller. illus AF Times 40:24 Mar 31 '80

Record setter (MIG Ye-166) unveiled. Jay Miller. illus AF Times 40:26 Jan 28 '80

AVIONICS

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

Aircraft computers programed with a single key-stroke. Richard Hartman. illus tabs Def Elect 12:35-36+ May '80

The current avionics approach: Rational standardization at work. F. Clifton Berry, Jr. illus AF Mag 63:62-63+ Jul '80

Fault-surviving flight control avionics. Louis J. Franchi. illus Mil Elect/Countermeasures 5:40+ Dec '79

GenAv avionics: Towards the 'glass cockpit.' Chris Bulloch. illus Interavia 35:819-822 Sep '80

IACS (Integrated Avionics Control System)--the way ahead in cockpit control. illus Interavia 35:334 Apr '80

Light aircraft avionics. illus Aerosp Intl 16:30-31 Jul-Aug '80

Mux Bus tester for standard avionics. illus tab Mil Elect/Countermeasures 6:67-69 Mar '80

New life for aging warplanes. Doug Richardson. illus Aerosp Intl 16:32+ Nov-Dec '80

Study and Teaching

In the Lowry (AFB, CO) tradition. (Technical training changes to meet new needs) Capt Katie Cutler. illus Airman 24:31-33 Jan '80

AVIONICS LABORATORY see Air Force Avionics Laboratory

AWARDS, DECORATIONS, ETCRussia

Defence Minister's Pennant. LtCol K. Petrov. illus Soviet Mil Rev No. 2:42 Feb '80

The highest award of the motherland (Order of Lenin). illus Soviet Mil Rev No. 3:43-45 Mar '80

Order of the Red Star. illus Soviet Mil Rev No. 4:62 Apr '80

United StatesSee also

Medal of Honor

AFCEA ROTC, (scholarship and Service Academy) awards, 1980. illus Signal 35:69-74+ Sep '80

AFRes receives Foulis Award (for having the most effective aircraft accident prevention program). Officer 56:12 May '80

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 63:151-167 May '80

(Air) Logistics Center (Kelly AFB, TX) wins OPM (Exemplary Practice in Federal Productivity) Award. AF Times 40:25 Jun 23 '80

Airmen of the Year. illus AF Times 40:6 Jun 30 '80

Audie Murphy ... most decorated soldier of World War II. SSgt Jim Boersema. illus Soldiers 35:18-21 Feb '80

AWARDS, DECORATIONS, ETC - Continued

Awards & citations. Regular feature in issues of Air Force Times

Awards at the 1980 Air Force Association National Convention. illus AF Mag 63:56-57 Nov '80

Awards--new medal, ribbons. Don Mace. AF Times 41:1+ Nov 3 '80

A commitment to excellence. (AF's Outstanding Airmen for 1979) Capt Dick Sheffield. illus Airman 24:8-12 Jan '80

Congressional Gold Medal awarded to LtGen Ira C. Eaker. illus Aerosp Hist 27:71-72 Mar '80

England (AFB, LA), Eglin AFB (FL) take Hennessy honors. illus AF Engrg & Svcs Qtr 21: back cover Aug '80

144th FIW tops William Tell. AF Times 41:16 Oct 27 '80

Giant Voice '79. Maj Steve Miller. illus tabs Combat Crew 30:4-7+ Jan '80

'God, I'm not ready ... yet.' (Capt Christopher C. Soto receives the Cheney Award for rescuing his pilot from a burning F-105) SMSgt Dave Sheeder. illus Airman 24:15-20 Apr '80

'Gray Eagle' title is passed on to LtGen O'Donnell: Fifth for Corps. MarCor Gaz 64:8 Jan '80

Hennessy (Trophy food service awards) to England (AFB, LA), Eglin (AFB, FL). AF Times 40:4 Apr 28 '80

Images. (Military Photographer of the Year competition) SP5 Gary Kieffer. illus Soldiers 35:44-47 Sep '80

The Institute of Navigation Superior Achievement Award (presented to Capt Terry N. Mayer). illus Navigator 27:10-11 Winter '80

It's no snap. (Prizewinning AF photos in 1979 Military Photographer of the Year competition) illus Airman 24:39-43 Jul '80

LtGen James M. Gavin to get Marshall Medal (from AUSA). illus Army 30:11 Aug '80

MCAA honors aviation's best. illus MarCor Gaz 64:4 Nov '80

MTMC honors traffic managers (at 35th National Defense Transportation Assoc Forum and Exposition, Chicago). illus Translog 11:10-11 Sep '80

NDTA honors (military) transportation units (at 35th Forum and Exposition, Chicago). illus Translog 11:3-4 Sep '80

New achievement medal worth one WAPS point. Don Mace. AF Times 41:7 Nov 10 '80

1980 (American Society of Military Comptrollers) national award winners. Armed Forces Compt 25:21 Aug '80

AWARDS, DECORATIONS, ETC - Continued

1980 (Aviation) Hall of Fame ceremonies. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 11 '80

1980 award winners of the Aerospace Medical Association. illus Aviation, Space & Envmt Med 51: 736-741 Jul '80

1979 Air Force Design Awards. illus AF Engrg & Svcs Qtr 21:17-19 Feb '80

No time for recrimination. (Address, ROA Mid-Winter Banquet, accepting Minute Man of the Year Award) Rep Samuel S. Stratton. illus Officer 56: 20-22 Apr '80

102d (NGAUS) General Conference (Las Vegas, Sep 22-24, 1980): Manning, modernization, mobilization seen as key elements in readiness of total force. illus Natl Guard 34:10-16+ Dec '80

Of this are heroes made. (MSgt Wayne L. Fisk, one of U.S. Jaycees' 10 Outstanding Young Men of America) Sgt Craig Pugh. illus Airman 24:20-26 Jul '80

Outstanding MAs. illus Air Reservist 32:6-8 Jun '80

Outstanding MAs of 80s. illus Officer 56:16-17 Jun '80

(President's (Norman R. Augustine) report and awards at AUSA Annual Meeting, Washington, Oct 13-15, 1980) illus Army 30:44-48 Nov '80

SAC pilot (Maj David M. Peters) receives 1979 Kolli-gian Trophy. illus Combat Crew 30:11 Sep '80

381st SMW wins a close competition. (Olympic Arena 1980) illus Combat Crew 30:12-17 Jul '80

Safety trophies for distinguished contributions during 1979. illus Aerosp Safety 36:14-15 Jun '80

Symbols of service (ribbons and devices)--wear them proudly and properly! Color photos only. Airman 24: back cover Jan '80

Top shots of the year. (1979 Military Photographer of the Year competition) illus AF Times 40:37-38 May 19 '80

Twelve for eighty. (Outstanding Airmen for 1980) Capt Katie Cutler. illus Airman 24:32-39 Dec '80

The 25th anniversary of the Outstanding Airmen program. William P. Schlitz. illus AF Mag 63:82-84 Nov '80

Twice in three years. (AFR wins Foulis Award for aircraft accident prevention) illus Air Reservist 32:14 Apr '80

Two in AF (Maj Willie C. Register and Capt Jonathan S. Gration) among 10 top Young Men in America. illus AF Times 41:3 Dec 29 '80

William Tell '80--in defense of freedom's skies. illus tabs TAC Attack 20:4-8 Dec '80

BMEWS see Ballistic Missile Early Warning System

BABCOCK, James H.

Tactical communications--the linkage between C² and I. James H. Babcock. Signal 35:11+ Nov '80

BACHELORS, MILITARY

Barracks life and the single soldier. Steve Abbott. illus Soldiers 35:6-12 Jan '80

BACTERIOLOGICAL WARFARE see Chemical-Biological Warfare

BAHRAIN

Economic Conditions

Bahrain and Qatar: Economic developments. Carl Bazarian. tab AEI For Plcy & Def Rev 2, No.3-4: 68-70 '80

Politics and Government

Bahrain: An image of stability, but an increasingly uncertain reality. Armed Forces J Intl 118:60-61 Nov '80

Bahrain and Qatar: Sociopolitical developments. Emile A. Nakhleh. AEI For Plcy & Def Rev 2, No.3-4:65-67 '80

Social Conditions

Bahrain and Qatar: Sociopolitical developments. Emile A. Nakhleh. AEI For Plcy & Def Rev 2, No.3-4:65-67 '80

BALANCE OF POWER

AFA Convention address. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Nov '80

ASW--is the U.S. lead slipping as Russia begins to challenge the last frontier of U.S. naval supremacy? illus Armed Forces J Intl 117:46-47 Apr '80

Air power in the Central Region. AVM M.J. Armitage. illus RUSI J for Def Studies 124:33-38 Dec '79

Airpower and national defense. (Presentation, First State Flight of the Order of Daedalians, Dover AFB, DE, June 6, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 10-14, Aug '80

American power and the survival of the West. James R. Schlesinger. illus Parameters 10:19-25 Jun '80

American strength, Soviet weakness. tabs Def Monitor 9: entire issue Jun '80

Analysis and compliance enforcement in SALT verification. Sen Gordon J. Humphrey. Intl Sec Rev 5: 1-26 Spring '80

Analysts call U.S. strength inadequate to meet threat. John Ginovsky. AF Times 41:12 Jul 28 '80

Are the Soviets really outspending the U.S. on defense? Franklyn D. Holzman. tabs Intl Sec 4:86-104 Spring '80

The balance in Central Europe: Reflections through the Soviet prism. LtCol Allan A. Myer. illus tabs Nav War Col Rev 33:15-43 Nov-Dec '80

BALANCE OF POWER - Continued

The balance of theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 63:125-127 Dec '80

Budgeting for Defence. Arthur Hockaday. tabs RUSI J for Def Studies 124:3-10 Dec '79

Carter's new nuclear policy. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 1 '80

The case for the MX. Lawrence J. Korb. map tabs AU Rev 31:2-10 Jul-Aug '80

Challenges and uncertainty: NATO's southern flank. James Brown. illus AU Rev 31:3-16 May-Jun '80

(Congressional) study finds U.S. military too weak to meet demands. AF Times 41:4 Sep 8 '80

The credibility gap of the 1980s replaces the missile gap of the 1960s. Justin Galen. tabs Armed Forces J Intl 117:80-82 Mar '80

The dangerous decade. (Presentation, Commonwealth Club Luncheon, San Francisco, Jan 18, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Jun '80

Dawn of a new strategic era? Edgar Ulsamer. AF Mag 63:49-54 May '80

"Dear voter"--an open letter to the American electorate. Colin S. Gray. AF Mag 63:53-56 Oct '80

Debate over U.S. strategic forecasts: A mixed record. Rep Les Aspin. illus tabs Strat Rev 8:29-43 Summer '80

Debate over U.S. strategic forecasts: A poor record. William T. Lee. illus tabs Strat Rev 8:44-57; Rebuttal. Rep Les Aspin. 8:57-59 Summer '80

Defence and the changing scene. (Fuller-Liddell Hart Memorial Lecture) Marshal Neil Cameron. RUSI J for Def Studies 125:21-28 Mar '80

Defense New Year's resolutions. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jan 7 '80

Deterrence and open space. Stefan T. Possony. illus Def & For Aff 8, No.2:28-31+ '80

Deterrence and the arms race: The impotence of power. Jacek Kugler and A. F. K. Organski. illus tabs Intl Sec 4:105-138 Spring '80

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 63:121-124 Dec '80

Escalation control. CDR Robert C. Powers. illus tabs US Nav Inst Proc 106:52-56 Jan '80

Exploitable strategic nuclear superiority. Sen Jake Garn. Intl Sec Rev 5:173-192 Summer '80

The FY 1981-85 defense program: Is a trillion dollars enough? Lawrence J. Korb. illus tabs Nav War Col Rev 33:3-16 Mar-Apr '80

Facing up to change. (Presentation, Antelope Valley Board of Trade, Lancaster, CA, Aug 22, 1980) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Oct '80

"Fight outnumbered and win" ... against what odds? Col Daniel Gans, Ret. illus tabs map Mil Rev pt 1, 60:31-46 Dec '80

BALANCE OF POWER - Continued

- (Finding an equalizer for disparity in equipment) (Key-note luncheon address, AFCEA Convention, Washington, June 24, 1980) William J. Perry. illus Signal 34:13+ Aug '80
- Flaws in I.I.S.S. (International Institute for Strategic Studies) "Military Balance" cause major problems for NATO. Justin Galen. tab Armed Forces J Intl 117:16-17+ Dec '79; Rebuttal. Col Jonathan Alford. 117:32+ Feb '80
- A fleet for the year 2000: Future force structure. F.J. West, Jr. illus tabs US Nav Inst Proc 106: 66-81 May '80
- Foreign policy commandments. Len Famiglietti. AF Times 41:24 Aug 25 '80
- Foreword to Jane's (Fighting Ships 1980-81). Capt John Moore, Ret. illus Sea Power 23:38-40+ Sep '80
- France 1940 and the NATO Center 1980: A disquieting comparison. Jeffrey Record. illus tabs Strat Rev 8:67-74 Summer '80
- The future of U.S. sea power. ADM Thomas B. Hayward. (Reprinted from United States Naval Institute Proceedings, May 1979) illus Asian Def J No. 5:124-127 Sep-Oct '80
- General purpose forces. Steven L. Canby. tabs Intl Sec Rev 5:317-346 Fall '80
- Goldwater's somber warning. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 4 '80
- (Harold) Brown's Posture Statement. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Mar 10 '80
- Hope for Reagan's mandate (restoration of U.S. military power parity with the USSR). LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 24 '80
- How much is not enough? The non-nuclear air battle in NATO's Central Region. Maj Charles L. Fox and LtCol Dino A. Lorenzini. illus tab Nav War Col Rev 33:58-78 Mar-Apr '80
- The impossible task--defense without relevant strategy. LtCol Wolfgang W. E. Samuel. illus AU Rev 31:15-28 Mar-Apr '80
- In defense of war. LtGen Ira C. Eaker, Ret. illus Mil Engr 72:156-158 May-Jun '80
- In focus. Regular feature in issues of Air Force Magazine
- Is there a future for SALT? Andrew C. Tuttle. illus Natl Def 65:33-37+ Aug '80
- Ivan the terrifying? GpCapt R.A. Mason. Hawk No.40: 35-38 Feb '80
- JCS Chairman (Gen David C. Jones) sums it all up: Challenges of a changing world. (Testimony, House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. illus tabs Armed Forces J Intl 117: 8-11 Mar '80
- The Japanese Self-Defense Forces, 1980--issues, policies and technology for the coming decade. Edward C. Ezell. illus tabs Intl Def Rev 13, No.2: 187-197 '80

BALANCE OF POWER - Continued

- Judging SALT II. Gen Alexander M. Haig, Jr. illus Strat Rev 8:11-17 Winter '80
- Limited U.S.-Soviet conflict and the RDF. F.J. West, Jr. illus MarCor Gaz 64:39-46 Aug '80
- Limits upon Soviet military power. Keith A. Dunn. illus RUSI J for Def Studies 124:38-45 Dec '79
- MBFR (Mutual and Balanced Force Reductions): An idea whose time has gone? Jeffrey Record. illus tabs Armed Forces J Intl 118:26-27+ Oct '80
- Military asymmetries in the Soviet-American strategic balance. Capt Carl C. Krehbiel. illus RUSI J for Def Studies 125:24-32 Jun '80
- The Military Balance: 1979/80. International Institute for Strategic Studies. illus tabs Aerosp Intl 15: entire issue Dec '79-Jan '80; Asian Def J No. 1: 44-46+ Jan-Feb '80
- The Military Balance: 1980/81. illus tabs Asian Def J pt 1, The United States and the Soviet Union. No.5: 62-63+ Sep-Oct '80; No.6:94-96+ Nov-Dec '80
- The Military Balance: 1980/81. International Institute for Strategic Studies. illus tabs AF Mag 63:62-131 Dec '80
- The military balance in the Persian Gulf: Who will guard the Gulf States from their guardians? Abdul Kasim Mansur. illus map tabs Armed Forces J Intl 118:44-46+ Nov '80
- Moscow's goal is military superiority. Edgar Ulsamer. tabs AF Mag 63:42-52 Mar '80
- The most critical issues now. LtGen Ira C. Eaker, Ret. AF Times 41:23-24 Nov 17 '80
- NATO air operations in the Central Region: Can we meet the threat? Gen John W. Pauly. illus NATO's Fifteen Nations Special Issue No.2:28+ '79
- NATO strategy under discussion in Bonn. Udo Philipp. illus maps Intl Def Rev 13, No.9:1367-1371 '80
- NATO theater nuclear modernization. Joseph D. Douglass. Intl Sec Rev 5:57-71 Spring '80
- NATO's maritime air defenses: Countering the increasing Soviet maritime threat. Douglas Chopping. illus map Interavia 35:27-29 Jan '80
- NSC 68 and the Soviet threat reconsidered. John Lewis Gaddis and Paul Nitze. Intl Sec 4:164-176 Spring '80
- Navy electronic warfare and counter C³ programs. RADM A.A. Gallotta, Jr. illus Signal 35:19-22 Oct '80
- The 1981 defense budget increase. Herschel Kanter. illus tabs Strat Rev 8:17-29 Spring '80
- No time for recrimination. (Address, ROA Mid-Winter Banquet, accepting Minute Man of the Year Award) Rep Samuel S. Stratton. illus Officer 56: 20-22 Apr '80
- Ocean control: The "other" nations and alliances. Norman L. Stone. illus tabs Mil Elect/Counter-measures 5:26+ Dec '79

BALANCE OF POWER - Continued

- "On the brink of the final abyss": A statement on war. Lord Mountbatten. illus Def Monitor 9:1-2+ May '80
- The other gas crisis--chemical weapons. Charles H. Bay. Parameters pt 1, 9:70-80 Sep '79; pt 2, 9:65-78 Dec '79
- Our present Military Posture. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Mar 3 '80
- Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No.8: entire issue '80
- A post-detente strategy for the United States. Sen Henry M. Jackson. illus Strat Rev 8:11-16 Spring '80
- Power projection or influence: Soviet capabilities for the 1980s. Keith A. Dunn. illus tabs map Nav War Col Rev 33:31-47 Sep-Oct '80
- The question of deploying U.S. theater nuclear weapons in Europe. Lawrence J. Korb. tabs Nav War Col Rev 33:99-105 May-Jun '80
- Reassessing the strategic balance. Richard Burt. Intl Sec 5:37-52 Summer '80
- Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. tabs AF Plcy Ltr for Comdrs: Sup No.3:2-35 Mar '80
- Scandinavia and the balance of power. Def & For Aff 8 No.9:48+ '80
- The selling of SALT: Gazing too long into the abyss. LtCol Daniel W. Christman. illus Parameters 9: 52-64 Dec '79
- Sixth Fleet update. CDR Brent Baker. illus tabs US Nav Inst Proc 106:52-59 Sep '80
- The slippery road of MBFR (Mutual and Balanced Force Reductions). Lothar Ruehl. illus tabs Strat Rev 8:24-35 Winter '80
- Some questions for November. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Jul 28 '80
- The Soviet buildup--why does the threat grow? Capt Richard M. Saunders. illus Mil Rev 60:61-71 Apr '80
- The Soviet invasion of Afghanistan. R.D.M. Furlong and Theodor Winkler. illus map Intl Def Rev 13, No.2:168-170 '80
- The Soviet strategic nuclear advantage and how to eliminate it. John F. Lehman. Intl Sec Rev 5:271-285 Fall '80
- The "Soviet threat"--the lie of the century. Lt-Col V. Amelchenko. Soviet Mil Rev No.1:47-49 Jan '80
- The stability of the Gulf. Maj H. Al-Thani. Hawk No.40:29-34 Feb '80
- The state of the Navy. CDR William S. Hoffman. illus US Nav Inst Proc 106:34-39 Sep '80
- Status of our strength and will. (Presentation, Dining-Out, Wright-Patterson AFB, OH, Sep 13, 1980) LtGen Richard E. Merkle. AF Plcy Ltr For Comdrs: Sup, pp 16-21, Nov '80

BALANCE OF POWER - Continued

- A strategic analysis of Northeast Asia and the Northwest Pacific. CAPT John F. Tarpey, Ret. illus maps US Nav Inst Proc 106:106-125 May '80
- Strategic balance considerations: Policy, doctrine, force structure, and SALT. LtCol Warren H. Milberg. tab Nav War Col Rev 33:68-74 Jul-Aug '80
- Strategic military balance. Harold Brown. (Reprinted from Asia-Pacific Defense Forum, Spring 1980) illus Asian Def J No.5:131+ Sep-Oct '80
- Strategic offense and defense. (Presentation, Dept of Iowa, American Legion Convention, Sioux City, July 19, 1980) BrigGen William L. Shields. AF Plcy Ltr for Comdrs: Sup, pp 19-25, Sep '80
- A structured framework for SALT decision-making. John M. Collins. tab AU Rev 31:22-26 Jan-Feb '80
- Submarine launched ballistic missiles in the Soviet and the U.S. Navy. Khursid Ahmed Khan. illus tabs Islamic Def Rev 5, No.1:33+ '80
- Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 29, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-14, Apr '80
- The swinging debate. (General Prize Essay, 1st Honorable Mention) RADM Robert Hanks, Ret. illus US Nav Inst Proc 106:26-31 Jun '80
- Tactical warfare developments into the 1980's. Robert A. Moore. illus Natl Def 65:22-27+ Aug '80
- Technology vs numbers. Gen T.R. Milton, Ret. AF Mag 63:157 Sep '80
- Theatre nuclear force modernisation. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, Feb 12, 1980) RADM E.F. Gueritz. illus RUSI J for Def Studies 125:3-10 Sep '80
- The trouble with NATO. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 23 '80; Natl Def 65:38 Oct '80
- USAF leaders see greater 'likelihood of war.' illus Sea Power 23:16-18 Aug '80
- USSR vs U.S.A.: The coming window for a first strike. Burt F. Raynes. Govt Exec 12:37-40+ Oct '80
- The U.S. Air Force in Europe. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen John W. Pauly. AF Plcy Ltr for Comdrs: Sup No.2:6-13 Feb '80
- The U.S. learns the final score: The SALT II debate and the strategic balance. Justin Galen. tabs Armed Forces J Intl 118:52-53+ Oct '80
- United States must have strength, will, and commitment of leader. (Highlights, Keynote address, National ROA Council Meeting, Washington, Feb 1980) Rep Robert Michel. illus Officer 56:12 May '80
- (The U.S. Navy) Interview. ADM Thomas B. Hayward. illus Armed Forces J Intl 117:49-50+ Apr '80
- U.S. role in South Pacific. illus Asian Def J No.6:53+ Nov-Dec '80

BALANCE OF POWER - Continued

U.S. security interests in the South Pacific. Elliott Hurwitz. map Asian Def J No.5:129-130 Sep-Oct '80

U.S. security: No quick fix. LtGen Ira C.Eaker, Ret AF Times 40:13-14 Mar 31 '80

U.S. strategic deterrent capability. (Presentation, 49th Annual Meeting, Utah State Bar, Salt Lake City, July 18, 1980) Gen Richard H.Ellis. AF Plcy Ltr for Comdrs: Sup, pp 6-11, Sep '80

U.S. strategic force modernization: A new role for missile defense? Rep Jack F.Kemp. illus Strat Rev 8:11-17 Summer '80

U.S. strategic nuclear policy. (Presentation, Naval War College, Aug 20, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Oct '80

What would you do now? LtGen Ira C.Eaker, Ret. AF Times 41:19-20 Oct 20 '80

'When we discuss our manpower options, one of the primary considerations would be to strengthen the Reserve forces.' Interview. Sen Sam Nunn. illus Officer 56:24-26 Nov '80

Who is number one? Editorial. Gen Bruce C.Clarke, Ret. tab Officer 56:8 Jul '80

Why Navy wants 50% more combat muscle. Interview. ADM Thomas B.Hayward. tabs Govt Exec 12:16+ Aug '80

Will Russia permit Western rearmament? LtGen Ira C.Eaker, Ret. AF Times 40:19-20 Apr 21 '80

BALCHEN, Bernt

Airpower pioneers: Col Bernt Balchen. por AF Mag 63:116-118 Jul '80

BALLISTIC MISSILE EARLY WARNING SYSTEM

Keeping an eye on Ivan. illus Armed Forces J Intl 117:35 Jun '80

The monotony and the panic of missile warning. TSgt William Madden. illus Combat Crew 30:4-6 Sep '80

BALLISTIC MISSILES see MissilesBALLOONS

The Caquot flies again. Patricia Turner Schriver. illus AU Rev 31:46-54 May-Jun '80

History

A page from the past: Balloons or bombers. illus Aerosp Safety 36:24-26 Aug '80

The professor (T.S.C.Lowe) and his lighter-than-air corps. Maj Robert M.Smith, Ret. illus Army 30:39-41 Aug '80

BALTIC SEA REGION

Across or along: Soviet amphibious options in North-western Europe. (Is a joint NATO Marine Corps needed?) Alexander K.Maconochie. illus map US Nav Inst Proc 106:46-50 Apr '80

BALTIC STATES

A close-knit family. illus Soviet Mil Rev No.7:14-20 Jun '80

BALUCHISTAN

The sturdy Baluch. Simon Winchester. illus map Soldiers 35:36-37 Dec '80

BANDS (MUSIC)

Army Field Band striking a patriotic chord. Helen Kay Ellsworth. illus Soldiers 35:18-20 Nov '80

Band of the Pacific: 45 musicians in 3 groups. Sgt Jim Snyder. illus AF Times 40:43+ Mar 24 '80

When the show goes on. (1980 Air Force Worldwide Talent Contest, Travis AFB, CA) TSgt Alan Prochoroff. illus Airman 24:2-8 Jul '80

History

John Philip Sousa--100th anniversary. Capt Jeb Bennett. illus MarCor Gaz 64:31-34 Oct '80

BANKS AND BANKINGSee also

Electronic Funds Transfer System

DOD units told to stop checking bank records. AF Times 40:10 Apr 21 '80

Ex-Im Bank: If it works, why fix it. illus Govt Exec 12:18-19 Oct '80

BARGES

Barges, ramps, and V/STOL. Laurie Rackas and John C.Scharfen. illus tab MarCor Gaz 64:20-21 Sep '80

BARNETT, George

Ouster of a Commandant (MajGen George Barnett). LtCol Merrill L.Bartlett. por US Nav Inst Proc 106:60-65 Nov '80

BARRACKS AND QUARTERSSee also

Housing

Air Force--U.S.

Base housing: A perceived entitlement. TIG Brief 32:7-8 May 16 '80

EM, family housing getting go-ahead. John Ginovsky. AF Times 41:7 Nov 24 '80

Family housing scarce on planned MX bases. AF Times 41:22 Jul 28 '80

Housing inspection wait to be waived. AF Times 40:18 May 12 '80

How energy-efficient is your home? (DOE's Residential Conservation Service) AF Times 41:15 Aug 4 '80

Meter plan pushed. Randy Shoemaker. AF Times 40:6 Jul 7 '80

Quarters, furnishings available overseas. Table only. AF Times 41:24 Dec 8 '80

Quarters improvement program. TIG Brief 32:12 Nov 28 '80

Rise in housing \$\$ sought. John Ginovsky. AF Times 40:2+ Feb 25 '80

BARRACKS AND QUARTERS - ContinuedAir Force--U.S. - Cont'd

TLF (Temporary Lodging Facilities) conversion not automatic. AF Times 40:10 Jun 23 '80

Armed Forces--U.S.

Couple may lose BAQ. Bruce Callander. AF Times 40:1+ Jan 14 '80

DOD readies VHA for Oct 31 checks. Tom Philpott. AF Times 41:1+ Oct 13 '80

Defense officials near accord on VHA policy. AF Times 41:2 Sep 29 '80

Flag rank quarters cost too much, auditors say. AF Times 41:6 Aug 25 '80

House panel (Appropriations Committee) OKs housing units. AF Times 40:18 Jul 14 '80

Equipment

Furniture buying can start again. Paul Smith. AF Times 41:4 Dec 1 '80

Army--U.S.

Barracks life and the single soldier. Steve Abbott. illus Soldiers 35:6-12 Jan '80

Marine Corps--U.S.History

Marine barracks: Essence of the 'Old Corps.' LtCol William R. Smith. illus tab map MarCor Gaz 64: 90-95 Nov '80

BARRIERS (MILITARY SCIENCE) see Obstacles (Military Science)

BARROW, Robert H.

CMC FY-1981 Posture Statement. (Presentation, House Armed Services Committee, Jan 31, 1980) Gen Robert H. Barrow. MarCor Gaz 64:31-42 Apr '80

Congress and the Corps. (Presentation, House Armed Services Committee, Jan 31, 1980) Gen Robert H. Barrow. MarCor Gaz 64:28-30 Apr '80

USMC Commandant (Gen Robert H. Barrow) leads Services in urging troops to use food stamps. SSgt Don Shinkaruk. Armed Forces J Intl 117:39 Apr '80

"We will do whatever the country wants us to do." Interview. Gen Robert H. Barrow. por Armed Forces J Intl 118:34+ Nov '80

BASE EXCHANGES see Exchanges

BASE OPERATIONS

Ops topics. Regular feature in issues of Aerospace Safety

BATTERIES

An analytical approach to improved manufacturing technology. Milton H. Ritchie and others. illus tab Def Mgt J 16:52-56 Fourth Quarter '80

W-P (Aero Propulsion) Lab's battery meets space challenge. AF Times 40:26 May 26 '80

BATTLEFIELD SURVEILLANCE see SurveillanceBATTLES

See also subdivision Campaigns and Battles under specific wars, e.g.,
Korean War, 1950-1953--Campaigns and Battles
World War I--Campaigns and Battles
World War II--Campaigns and Battles

The King's German Legion at Waterloo. John Koster. illus map Infantry 70:26-32 Mar-Apr '80

What price vigilance? The Kormoran-Sydney battle. RADM William H. Langenberg. illus Nav War Col Rev 33:78-84 Jan-Feb '80

History

The Battle of Marathon, or what's a 2500-year-old battle got to do with me? MajGen I. B. Holley, Jr. AU Rev 31:46-50 Jul-Aug '80

BEAM WEAPONS

Fighting with man-made lightning. Stefan Geisenhener. illus Asian Def J No. 1:22-23+ Jan-Feb '80

Gun barrels of the future. Stefan T. Possony. illus Def & For Aff 8:30-31 Sep '80

The new weapon? Laser and charged-particle beams. Doug Richardson. illus NATO's Fifteen Nations 24:66+ Dec '79-Jan '80

Particle beam weapon development. Maj Steven J. Berganini. illus Fld Arty J 48:30-34 Jan-Feb '80

BECTON, Julius W., Jr

First-class Army... 4th class living conditions. Interview. LtGen Julius W. Becton, Jr. por Army 30:22-26 Nov '80

BEHAVIORISM (PSYCHOLOGY)

The bomb, dread, and eternity. Michael Mandelbaum. Intl Sec 5:3-23 Fall '80

Crowd control: A comparative viewpoint. H. G. Tittmar. RUSI J for Def Studies 124:57-60 Dec '79

Fear and pain. (Report of a seminar held at RUSI, Nov 7, 1979) AVM Patrick O'Connor and others. RUSI J for Def Studies 125:69-74 Sep '80

Management by P's and Q's (Personnel and Quadrants). Capt Robert C. Teel. illus AF Compt 14: 36-37 Jul '80

Mastering the military mid-life transition. Maj Bruce T. Caine. illus tabs Parameters 10:70-77 Sep '80

Sociopolitical alienation and military efficiency. Stephen D. Westbrook. tabs Armed Forces & Soc 6: 170-189 Winter '80

BEMENT, Arden L., Jr

Deputy Under Secretary of Defense, Research and Advanced Technology (Arden L. Bement, Jr). por Natl Def 64:9-10 Jun '80

BENEFITS see

Bonuses
Fringe Benefits

Survivors Rights and Benefits
Veterans Benefits

BERKMAN, William R.

Army Reserve strength aided by incentive enlistment programs, General Berkman says. Officer 56:13 Jun '80

General Berkman describes bonus program results. por Officer 56:18 Jan '80

Reserves: Expanded missions, limited resources. MajGen William R. Berkman. por Army 30:166-169 Oct '80

BERLIN AIRLIFT

Memories of the Berlin Airlift (32 years ago). Cartoons. "Jake" Schuffert. Airman 24:34-37 May '80

BERNARD, Charles W.

Charles W. Bernard, Director, Land Warfare, Office of the Under Secretary of Defense for Research and Engineering. por Natl Def 65:5-6 Oct '80

A more rapidly deployable force. Charles W. Bernard. Natl Def 65:33-36+ Oct '80

BERRY, Sidney B.

Constant Enforcer '79. LtGen Sidney B. Berry and LtCol Lynn C. Hooper. por USA Avn Dig 26:1-3 Feb '80

BICYCLES see Motorcycles and Bicycles

BIOGRAPHY see subdivision Biography under specific subjects, e.g.,
Armed Forces--Biography
Army--Biography

BIOLOGICAL RHYTHMS

An attempted validation study of the Birthdate-Based Biorhythm (BBB) hypothesis. C. E. Englund and P. Naitoh. illus tab Aviation, Space & Envmt Med 51:583-590 Jun '80

Circadian rhythms of performance among workers in the Arctic. Leslie Buck. tab Aviation, Space & Envmt Med 51:805-808 Aug '80

BIOLOGICAL WARFARE see Chemical-Biological Warfare

BIOMEDICAL SCIENCES CORPS

Veterinarians are now under Biomed Sciences. Len Famiglietti. AF Times 40:20 Apr 7 '80

BIORHYTHMS see Biological Rhythms

BIRDS

The birds & the booms. Lewis Shotton. illus AF Engrg & Svcs Qtr 21:11-12 Nov '80

The birds are back. illus map TAC Attack 20:18-20 Nov '80

Birds of a feather. illus Aerosp Safety 36:8-9 Feb '80

Birdstrike at 480 kts. Capt Mike Hambrick. illus Aerosp Safety 36:12-13 Oct '80

Birdstrike remains identification. TIG Brief 32:15 Apr 4 '80

Don't get goosed by a giggling gaggle of geese. Capt Ross W. Phillippe. illus Combat Crew 30:20-21 Sep '80

BIRDS - Continued

October is peak for bird strikes. illus AF Times 41:17 Oct 27 '80

Seasonal hazard. Maj James L. Gillespie. illus Aerosp Safety 36:10-12 Oct '80

September song. Maj Alan D. York. illus map tab MAC Flyer 27:8-10 Sep '80

BISHOP, Raymond H., Jr.

HSC (Health Services Command): Readiness demands healthy soldiers. MajGen Raymond H. Bishop, Jr. por Army 30:184-187 Oct '80

BLACK MARKET

74 Koreans tied to black market. SSgt Tom Fuller. AF Times 41:22 Sep 15 '80

BLACKS IN THE ARMED FORCES

Army's (2dLt Marcella A.) Hayes, 1st Black woman military aviator in U.S. forces. SP4 Robin Drew. illus USA Avn Dig 26: inside back cover Jan '80

Blacks in Guard increase 800 percent in last decade. AF Times 41:28 Oct 6 '80

The Broom technique: NCO's cure for 'shaving bumps.' Jane O'Hare. illus AF Times 40:51 Jun 16 '80

Carpenter's views: Academies lagging in minority efforts. AF Times 41:10 Sep 8 '80

Guide to treating 'shaving bumps' revised. Pat Dalton. AF Times 41:2 Sep 8 '80

A log of achievements. Betty Goodson. illus USA Avn Dig 26:6-8 Jun '80

Race in the United States military: Symposium. Charles C. Moskos, Jr and others. tabs Armed Forces & Soc 6:586-613 Summer '80

Racial balance called vital to AVF effectiveness. Tom Philpott. tab AF Times 41:10 Nov 24 '80

Should AVF's racial mix concern us? Tom Philpott. tab AF Times pt 1, 41:7 Nov 17 '80

BLAZ, Vincente T.

Looking back: Reflections at career's end. BrigGen Vincente T. Blaz, Ret. MarCor Gaz 64:98-100 Nov '80

BLIMPS see Airships

BLOOD

Blood pressure and oxygenation in different cardiovascular compartments of a normal man during postural exposures. V. E. Katkov and V. V. Chestukhin. tabs Aviation, Space & Envmt Med 51:1232-1242 Nov '80

Blood--the gift of life. SP5 Lana Ott. illus Soldiers 35:48-49 Mar '80

Body fluid compartments in humans during acute high-altitude exposure. S. C. Jain and others. tabs Aviation, Space & Envmt Med 51:234-236 Mar '80

BLOOD - Continued

Cardiovascular and sympathetic reactions to in-flight emergency responses among base fire fighters. Ben F. Hurley and others. tabs Aviation, Space & Envmt Med 51:788-792 Aug '80

Central circulation and metabolism of the healthy man during postural exposures and arm exercise in the head-down position. O.G. Gzenko and others. illus tabs Aviation, Space & Envmt Med 51:113-120 Feb '80

Development of "sports anemia" in physically fit men after daily sustained submaximal exercise. M.W. Radomski and others. tabs Aviation, Space & Envmt Med 51:41-45 Jan '80

Intravascular hemolysis in acute mountain sickness. Raymond E. Lovlin and others. illus Aviation, Space & Envmt Med 51:271-272 Mar '80

Serum cholesterol levels in selected Air Force cadets compared with levels in the West Point study. Dale A. Clark and others. tabs Aviation, Space & Envmt Med 51:6-10 Jan '80

BOATS

GAO report: (AF) watercraft off course. Len Famiiglietti. AF Times 40:6 Jun 9 '80

BODYCOMBE, Richard

Air Force Reserve. por AF Mag 63:126-127 May '80

Air Force Reserve programs. (Presentation, House Appropriations Committee, Washington, June 18, 1980) MajGen Richard Bodycombe. AF Plcy Ltr for Comdrs: Sup, pp 17-25, Aug '80

Paid Redoubt showed AFRES ready. Interview. MajGen Richard Bodycombe. por AF Times 41:10 Sep 1 '80

Reserve Chief (MajGen Richard Bodycombe) calls tech (Air Reserve Technician) program effective. AF Times 40:2 Jun 30 '80

BOMBER UNITS

ADTAC participates in Giant Voice. Capt Owen Jensen. illus TAC Attack 20:18-21 Feb '80

Training the best: The 380th BMW and the 4007th CCTS prepare FB-111A crews to fly and fight. illus Combat Crew 30:4-7+ Aug '80

History

An airman to remember (Sgt1C Fred Graveline). Merle C. Olmsted. illus Am Avn Hist Soc J 25:119-123 Summer '80

America's first bombers. Frederick V. Ludden. illus Natl Def 64:36-39+ Feb '80

The Ball boys. William H. Greenhalgh. illus Aerosp Hist 27:172 Sep '80

Lancasters over the USA. SqLdr Andrew J. Brookes. illus Aerosp Hist 27:103-108 Jun '80

Seventeen bits and pieces: Boeing's B-17 Fs and Gs assigned to the 8th U.S. Army Air Force, August 1942-May 1945. Paul M. Andrews. illus tabs Am Avn Hist Soc J pt 1, 1st Air Division. 24:202-213 Fall '79; pt 2, 3d Air Division. 24:303-312 Winter '79

BOMBER UNITS - ContinuedHistory - Cont'd

Shootout at Palembang: The "Hellbirds" mine the Moesi River. RADM K.L. Veth, Ret. illus Am Avn Hist Soc J 25:72-74 Spring '80

BOMBING

ARBS: The Angle Rate Bombing System. CDR C.N. Sapp. illus US Nav Inst Proc 106:99-100 Nov '80

Bargain basement fighters (retrofits). John Beach. illus Def Elect 12:59-60+ Jun '80

Deep-strike interdiction. Charles E. Myers, Jr. illus US Nav Inst Proc 106:47-52 Nov '80

FB-111 emergency bombing. Capt Bradley L. Moffett. illus Navigator 27:24-26 Winter '80

The FB-111 goes conventional. Maj Lawrence Chalmer. illus Combat Crew 30:20-21+ Nov '80

Latent dive toss system errors. Capt Ralph S. Reinhardt II. illus USAF Ftr Wpns Rev, pp 14-17, Winter '79

To withstand the firestorm. (Paul Vauthier's prophetic ideas) Philip D. Supina. illus US Nav Inst Proc 106:42-46 Nov '80

WRCS (Weapons Release Computer System): Fact or fantasy. Capt Edward J. Zamorski. illus tab USAF Ftr Wpns Rev, pp 22-27, Fall '80

When you drop live. 1stLt Mark Baker. illus tabs USAF Ftr Wpns Rev, pp 8-14, Fall '80

History

Mission: Find the USS Utah! DeWitt S. Copp. illus AF Mag 63:64-68 Apr '80

BOMBING AND GUNNERY RANGES

HELBAT: The way to tomorrow's artillery? R.B. Pengelley. illus Intl Def Rev 13, No. 1:83-88 '80

A new twist for aerial gunnery. (Realistic aerial gunnery range) Sgt Robert Rosenburgh. illus USA Avn Dig 26:22-23 Sep '80

TV Ordnance Scoring System. Capt Bob O'Dell. illus tab USAF Ftr Wpns Rev, pp 21-27, Summer '80

BOMBING, NAVIGATION, ETCCompetitionsAir Force

ADTAC participates in Giant Voice. Capt Owen Jensen. illus TAC Attack 20:18-21 Feb '80

Giant Voice. illus Air Reservist 32:6-7 Feb '80

Giant Voice '79. Maj Steve Miller. illus tabs Combat Crew 30:4-7+ Jan '80

Strike Command (RAF): A friendly competitor in Giant Voice '79. illus Combat Crew 30:8-11 Jan '80

BOMBINGS, TERRORIST see Terrorism

BOMBBS

See also
Neutron Bomb
Nuclear Bombs

Skipping across the ramp. 1stLt Steve Smith. illus
USAF Ftr Wpns Rev, pp 28-32, Fall '80

Guidance and Control

ARBS: The Angle Rate Bombing System. CDR C.N.
Sapp. illus US Nav Inst Proc 106:99-100 Nov '80

Bombs--renaissance by terminal guidance. Brian
Payne. illus tabs NATO's Fifteen Nations 25:72+
Oct-Nov '80

French Jaguars get laser guidance system. illus
Asian Def J No. 4:101-102 Jul-Aug '80

"Phasers, lasers and blazers." Maj G.R.Hepfner.
illus Combat Crew 30:22-23 May '80

Precision-guided ammunition and special air ord-
nance. illus Aerosp Intl 16:42-44 Jul-Aug '80

BONUSES

Bonus boost may spur many to re-up longer. Pat Dal-
ton. AF Times 41:4 Sep 22 '80

EM in critical skills due \$600 Ready Reserve bonus.
AF Times 41:26 Dec 22 '80

89 skills, Zone C plan added to SRB program. Pat
Dalton. AF Times 41:1+ Oct 13 '80

Flight pay: \$15,000 more for career. Bruce Callan-
der. AF Times 41:4+ Sep 22 '80

General Berkman describes bonus program results.
illus Officer 56:18 Jan '80

Med bonus bill sent to Carter. AF Times 40:7
Mar 10 '80

Nichols acts to get doc pay bill OK'd by July 1. AF
Times 40:4 Jun 30 '80

Only 4 states still offer Viet bonus. AF Times 41:27
Sep 1 '80

Only 32 execs can win bonus pay. Don Mace. AF
Times 41:2 Oct 20 '80

Pay, benefits jumping \$4 billion this month. Tom
Philpott. AF Times 41:4 Oct 6 '80

Re-enlistment: To stay or not to stay ... SGM Bruce
N.Bant. illus Soldiers 35:28-32 Apr '80

Re-up bonus pushed for thousands more. Bruce Cal-
lander. AF Times 40:1+ Mar 10 '80

Some likely to get flight pay bonuses. AF Times 41:3
Sep 1 '80

33 skills will be added to re-up bonus Oct 1. Pat Dal-
ton. AF Times 41:1+ Sep 15 '80

Three more AFSCs get re-up bonus. Pat Dalton. AF
Times 41:3 Nov 10 '80

BOOK REVIEWS

Abba Eban: An Autobiography, by A.Eban. Army Qtr
109:115-116 Jan '79

BOOK REVIEWS - Continued

Air Base Defense in the Republic of Vietnam, 1961-
1973, by R.P.Fox. Aerosp Hist 27:207 Sep '80;
MarCor Gaz 64:61 Oct '80

Air War--Vietnam, edited by D.Middleton. AU Rev
32:122 Nov-Dec '80

Airpower and Warfare, edited by A.F.Hurley and
R.C.Ehrhart. RUSI J for Def Studies 125:82-83
Sep '80

The Alternative in Eastern Europe, by R.Bahro. Mil
Rev 60:89-90 Jan '80

America in Vietnam, by G.Lewy. Parameters 10:
100-101 Mar '80; AU Rev 31:94-96 Mar-Apr '80

American Caesar: Douglas MacArthur 1880-1964, by
W.Manchester. RUSI J for Def Studies 125:87-88
Mar '80; AU Rev 31:96-101 Jul-Aug '80

American Defense Policy from Eisenhower to Ken-
nedy: The Politics of Changing Military Require-
ments, 1957-1961, by R.A.Aliano. Armed Forces
& Soc 6:511-516 Spring '80

American Espionage: From Secret Service to CIA, by
R.Jeffreys-Jones. AU Rev 31:105-106 Mar-Apr '80

Americans Remember the Home Front: An Oral Nar-
rative, by R.Hoopers. AU Rev 31:105-107 Jan-
Feb '80

America's Longest War: The United States and Viet-
nam, 1950-1975, by G.C.Herring. RUSI J for Def
Studies 125:93 Sep '80; Mil Rev 60:93-94 Nov '80;
NATO's Fifteen Nations 25:104 Aug-Sep '80

Arab-Israeli Military/Political Relations: Arab Per-
ceptions and the Politics of Escalation, by J.W.
Amos II. Parameters 10:100 Dec '80

The Armed Forces of the USSR, by H.F.Scott and
W.F.Scott. MarCor Gaz 64:93 May '80

Armed Struggle in Palestine: A Political-Military
Analysis, by B.E.O'Neill. J Pol & Mil Sociol 8:
131-133 Spring '80

The Armies of Ignorance: The Rise of the American
Intelligence Empire, by W.R.Corson. AU Rev 31:
105-106 Mar-Apr '80

Arms Control and Security: Current Issues, edited by
W.Hanrieder. J Pol & Mil Sociol 8:125-127
Spring '80

Assault on the Liberty: The True Story of the Israeli
Attack on an American Intelligence Ship, by J.M.
Ennes, Jr. Armed Forces J Intl 117:18+ Jan '80;
US Nav Inst Proc 106:108-109 Mar '80; Sea Power
23:43-44 Jul '80; Nav War Col Rev 33:105-106
Sep-Oct '80; Mil Rev 60:88 Dec '80

Battleship Bismark: A Survivor's Story, by B.von
Muellenheim-Rechberg. AF Times 41:46 Nov 3 '80

Bay of Pigs: The Untold Story, by P.Wyden. MarCor
Gaz 64:69 Mar '80; AU Rev 31:122 Sep-Oct '80

The Bear at the Back Door: The Soviet Threat to the
West's Lifeline in Africa, by W.Walker. Army 30:
55 Sep '80

Behind Japanese Lines, by R.Dunlop. AF Mag 63:139
Mar '80

BOOK REVIEWS - Continued

- Beyond Top Secret Ultra, by E. Montagu. AU Rev 31: 105-106 Mar-Apr '80; MarCor Gaz 64:80 Jul '80
- Bodyguard of Lies, by A.C. Brown. J Pol & Mil Sociol 8:121-124 Spring '80
- The Brethren: Inside the Supreme Court, by B. Woodward and S. Armstrong. Parameters 10:78-83 Jun '80
- Bringing Up the Rear: A Memoir, by S.L.A. Marshall. MarCor Gaz 64:70-71 Mar '80; Armor 89: 58 Mar-Apr '80; Parameters 10:104 Mar '80; AF Mag 63:70+ Apr '80; Army 30:65 May '80; Nav War Col Rev 33:116-118 Mar-Apr '80; Mil Rev 60:93-94 Oct '80
- The Brink: Cuban Missile Crisis, 1962, by D. Detzer. Mil Rev 60:91 Jan '80; MarCor Gaz 64:69 Jun '80
- British Intelligence in the Second World War: Its Influence on Strategy and Operations, vol 1, by F.H. Hinsley and others. Mil Rev 60:93-94 May '80; MarCor Gaz 64:80 Jul '80
- The Brotherhood of Oil: Energy Policy and the Public Interest, by R. Engler. AU Rev 31:107-110 Jul-Aug '80
- Bunch of Five, by F. Kitson. AU Rev 31:117-122 Sep-Oct '80
- Calling a Truce to Terror: The American Response to International Terrorism, by E. Evans. Mil Rev 60:91 Sep '80
- The Camp David Framework for Peace: A Shift Toward Shared Rule, by D.J. Elazar. AU Rev 32: 119-120 Nov-Dec '80
- Canaris: Hitler's Master Spy, by H. Höhne. Trans by J.M. Brownjohn. AF Mag 63:82 Jan '80
- Chance and Circumstance: The Draft, the War, and the Vietnam Generation, by L.M. Baskir and W.A. Strauss. MarCor Gaz 64:68 Jun '80
- The Changing Economics of World Energy, edited by B.J. Abrahamsson. AU Rev 31:107-110 Jul-Aug '80
- Charles A. Lindbergh--an American Life, edited by T.D. Crouch. Aerosp Hist 27:135 Jun '80
- China Airlift--the Hump, edited by J.F. Brewer and H. Howton. AF Mag 63:92-93 Aug '80
- China Policy, by A.D. Barnett. AU Rev 32:113-114 Nov-Dec '80
- China-Watch: Toward Sino-American Reconciliation, by R.G. Sutter. AU Rev 31:129-134 May-Jun '80
- Chou, by J.M. Roots. AU Rev 32:112-113 Nov-Dec '80
- The Citizen Soldier and the United States Military Policy, by J.B. Whisker. Mil Rev 60:94-95 Mar '80
- Commandos and Politicians: Elite Military Units in Modern Democracies, by E.A. Cohen. Parameters 10:100 Jun '80; AU Rev 31:120 Jul-Aug '80
- Commandos and Rangers of World War II, by J.D. Ladd. MarCor Gaz 64:69-70 Aug '80

BOOK REVIEWS - Continued

- Confession and Avoidance: A Memoir, by L. Jaworski. AU Rev 31:119 Jul-Aug '80
- Congress and Arms Control, edited by A. Platt and L.D. Weiler. Nav War Col Rev 33:125-126 May-Jun '80
- Conspiracy of Silence: The Attack on the USS Liberty, by A. Pearson. US Nav Inst Proc 106:108-109 Mar '80
- Contemporary Terrorism: Selected Readings, edited by J.D. Elliott and L.K. Gibson. MarCor Gaz 64: 69-70 Feb '80
- Countercoup: The Struggle for Control of Iran, by K. Roosevelt. Intl Sec 5:152-171 Summer '80; Strat Rev 8:75-77 Summer '80; J Pol & Mil Sociol 8: 281-289 Fall '80
- The Counterinsurgency Era: U.S. Doctrine and Performance 1950 to the Present, by D.S. Blaufarb. AU Rev 31:117-122 Sep-Oct '80
- Crisis in Command: Mismanagement in the Army, by R.A. Gabriel and P.L. Savage. J Pol & Mil Sociol 8:129 Spring '80
- Crisis Resolution: Presidential Decision Making in the Mayaguez and Korean Confrontations, by R.G. Head and others. Parameters 10:100 Sep '80
- The Cruellest Night, by C. Dobson and others. Nav War Col Rev 33:113-114 May-Jun '80
- Darby's Rangers: We Led the Way, by W.O. Darby and W.H. Baumer. Army 30:74-75 Dec '80
- The Day Before Doomsday: An Anatomy of the Arms Race, by S. Lens. J Pol & Mil Sociol 8:125-127 Spring '80
- Days of the Ching Pao, by M. Rosholt. Aerosp Hist 27:65-66 Mar '80
- The Deadly Fuze, by R.B. Baldwin. Army 30:67 Nov '80
- Deception in World War II, by C. Cruickshank. Mil Rev 60:90-91 Nov '80; Army 30:68-69 Nov '80
- Decision on Palestine: How the U.S. Came To Recognize Israel, by E.M. Wilson. Mil Rev 60:94 Oct '80
- Defending America, by J.R. Schlesinger and others. AF Plcy Ltr for Comdrs: Sup No. 3:36 Mar '80
- Defense Policy and the Presidency, Carter's First Years, edited by S. Sarkesian. Nav War Col Rev 33:123-125 Mar-Apr '80
- Dieppe 1942: The Jubilee Disaster, by R. Atkin. RUSI J for Def Studies 125:79-80 Jun '80
- The Diplomacy of Detente: The Kissinger Era, by C. Bell. AF Plcy Ltr for Comdrs: Sup, p 29, Sep '80
- Divided and Conquered: The French High Command and the Defeat of the West, 1940, by J.A. Gunzberg. Army 30:82 Mar '80
- Double-Edged Secrets: U.S. Naval Intelligence Operations in the Pacific During World War II, by W.J. Holmes. RUSI J for Def Studies 125:82-83 Jun '80

BOOK REVIEWS - Continued

- Dunkirk, the Great Escape, by A.J.Barker. Army Qtr 109:126-127 Jan '79
- Eagle Entangled, U.S. Foreign Policy in a Complex World, by K.A.Oye and others. Intl Sec 4:177-191 Winter '79/'80
- The Eagle Squadrons, Yanks in the RAF 1940-1942, by V.Haugland. Aviation, Space & Envmt Med 51: 192 Feb '80; Armor 89:57 Mar-Apr '80; Natl Def 65:90 Oct '80
- Eggnog Riot, by J.B.Agnew. Army 30:63 Feb '80
- Eisenhower Declassified, by V.Pinkley. Mil Rev 60: 91 Jul '80
- The Eleventh Hour, by L.W.Walt. Army 30:59 Jan '80; MarCor Gaz 64:67-68 Jun '80; Sea Power 23:44 Jul '80
- Elusive Victory: The Arab-Israeli Wars, 1947-1974, by T.N.DuPuy. AF Mag 63:138-139 Mar '80
- The End of the War in Asia, by L.Allen. Mil Rev 60: 92-93 May '80
- Endgame: The Inside Story of SALT II, by S.Talbott. Strat Rev 8:64-67 Winter '80; US Nav Inst Proc 106:88-89 Jun '80; Intl Sec 5:178-197 Summer '80; Mil Rev 60:94-95 Sep '80; Parameters 10:101-102 Dec '80
- Energy for Europe, by G.de Carmoy. AU Rev 31:107-110 Jul-Aug '80
- Energy Future: Report of the Energy Project at the Harvard Business School, edited by R.Stobaugh and D.Yergin. J Pol & Mil Sociol 8:312-314 Fall '80
- Energy in America's Future: The Choices Before Us, by S.H.Schurr and others. Parameters 10:101 Dec '80
- Enterprise, by J.Grey. Aerosp Hist 27:66 Mar '80
- Escape from Laos, by D.Dengler. AF Mag 63:138 Mar '80; US Nav Inst Proc 106:89 Apr '80; Nav War Col Rev 33:113-114 Mar-Apr '80
- The Ethics of War, by B.Paskins and M.Dockrill. Parameters 10:102-103 Mar '80; RUSI J for Def Studies 125:71-72 Jun '80; J Pol & Mil Sociol 8: 325-326 Fall '80
- Eurocommunism: Implications for East and West, by R.Godson and S.Haseler. AU Rev 31:140-141 May-Jun '80
- The European Left: Italy, France and Spain, edited by W.E.Griffith. Strat Rev 8:87-90 Spring '80
- The Evolution of Soviet Security Strategy, 1965-1975, by A.Haselkorn. Mil Rev 60:92-93 Sep '80; AU Rev 31:110-111 Sep-Oct '80
- The Extraordinary Envoy: General Hiroshi Oshima and Diplomacy in the Third Reich, 1934-1939, by C.Boyd. Army 30:69 Jul '80
- Faces in a Mirror, by A.Pahlavi. J Pol & Mil Sociol 8:281-299 Fall '80

BOOK REVIEWS - Continued

- The Fall and Rise of the Pentagon: American Defense Policies in the 1970s, by L.J.Korb. Aerosp Hist 27:207 Sep '80; Nav War Col Rev 33:102-104 Nov-Dec '80
- The Fall of Iran. Vol 2: A Report to the American People, by C.I.Semkus. J Pol & Mil Sociol 8: 281-299 Fall '80
- The Fall of Iran, 1978-1979. Vol 1: An Historical Anthology, by C.I.Semkus. J Pol & Mil Sociol 8: 281-299 Fall '80
- The Fall of South Vietnam: Statements by Vietnamese Military and Civilian Leaders, by S.T.Hosmer and others. Parameters 10:100-101 Dec '80
- Fall of the Peacock Throne, by W.H.Forbis. J Pol & Mil Sociol 8:281-299 Fall '80
- The Fall of the Shah, by F.Hoveyda. J Pol & Mil Sociol 8:281-299 Fall '80
- Farewell, Israel! By E.Sevela. Mil Rev 60:90 Jan '80
- A Few Great Captains: The Men and Events That Shaped the Development of U.S. Air Power, by D.S.Copp. AF Mag 63:70 Apr '80; Aerosp Hist 27:134-135 Jun '80; MarCor Gaz 64:66 Aug '80; Natl Def 65:90 Oct '80; AF Plcy Ltr for Comdrs: Sup, pp 22-26, Nov '80; Army 30:73-74 Dec '80
- 55 Days: The Fall of South Vietnam, by A.Dawson. AU Rev 31:94 Mar-Apr '80
- First In! Parachute Pathfinder Company, by R.Kent. RUSI J for Def Studies 125:81 Jun '80
- For the Common Defense, by A.J.Goodpaster. AF Plcy Ltr for Comdrs: Sup, p 14, Aug '80
- Force Without War, by B.M.Blechman and S.S.Kaplan. RUSI J for Def Studies 125:76-77 Mar '80
- Foreign Policy by Congress, by T.M.Franck and E.Weisband. Parameters 10:103 Mar '80
- Franklin D.Roosevelt and American Foreign Policy, 1932-1945, by R.Dalleck. MarCor Gaz 64:68-69 Apr '80; Parameters 10:98-99 Sep '80
- From Pearl Harbor to Vietnam, the Memoirs of Admiral Arthur W.Radford, edited by S.Jurika, Jr. AF Mag 63:70-71 Oct '80; MarCor Gaz 64: 65-66 Dec '80; US Nav Inst Proc 106:88-90 Dec '80
- The Future of China: After Mao, by R.Terrill. AU Rev 31:129-134 May-Jun '80
- The Future of Soviet Military Power, edited by L.L. Whetten. Armed Forces & Soc 6:695-701 Summer '80
- The Future of United States Naval Power, by J.A. Nathan and J.K.Oliver. US Nav Inst Proc 106: 107-108 Mar '80
- Germany and the Politics of Nuclear Weapons, by C.M.Kelleher. Armed Forces & Soc 6:507-510 Spring '80
- Good Soldiers Don't Go to Heaven, by D.E.Reich. Mil Rev 60:91-92 Jan '80

BOOK REVIEWS - Continued

- Grand Strategy for the 1980s, edited by B. Palmer, Jr. *Strat Rev* 8:85-87 Spring '80
- Great American War Movies, by L.H.Suid. *J Pol & Mil Sociol* 8:329-330 Fall '80
- The Greatest Air Battle, by N. Franks. *RUSI J for Def Studies* 125:80 Jun '80
- The Guerilla Reader, by W. Laqueur. *AF Plcy Ltr for Comdrs: Sup*, p 30, Jul '80
- The Gun and the Olive Branch: The Roots of Violence in the Middle East, by D. Hirst. *Parameters* 10:99 Dec '80
- The Halder Diaries: The Private War Journals of Colonel General Franz Halder, edited by A. Lissance. *AU Rev* 31:97-103 Mar-Apr '80
- The Hardest Day, by A. Price. *RUSI J for Def Studies* 125:80 Jun '80
- High-Level Manpower in Iran: From Hidden Conflict to Crisis, by G.C. Johnson. *J Pol & Mil Sociol* 8:281-299 Fall '80
- The History of the German Resistance 1933-1945, by P. Hoffmann. *AU Rev* 31:119-124 May-Jun '80
- Hitler vs Roosevelt: The Undeclared Naval War, by T.A. Bailey and P.B. Ryan. *Nav War Col Rev* 32:104-106 Nov-Dec '79
- Hitler's Generals, by R. Brett-Smith. *AU Rev* 31:119-124 May-Jun '80
- Hitler's Spies: German Military Intelligence in World War II, by D. Kahn. *J Pol & Mil Sociol* 8:121-124 Spring '80; *AU Rev* 31:114-118 May-Jun '80
- How To Become a Civilian and Succeed in Your New Career, by J.D. Blitch. *Def Trans J* 36:55 Jun '80
- The Illusion of Peace, Foreign Policy in the Nixon Years, by T. Szulc. *Intl Sec* 4:177-191 Winter '79/'80
- In Defense of Decadent Europe, by R. Aron. *Trans* by S. Cox. *Parameters* 10:98-99 Mar '80
- Inchon Landing: MacArthur's Last Triumph, by M. Langley. *Mil Rev* 60:95 Oct '80
- The Intelligence and Deception of the D-Day Landings, by J. Haswell. *NATO's Fifteen Nations* 25:105 Apr-May '80
- The Interrogator, by R.F. Toliver. *Aerosp Hist* 27:67-68 Mar '80
- Iran, Dictatorship and Development, by F. Halliday. *Armed Forces & Soc* 6:688-694 Summer '80
- Iran: The Illusion of Power, by R. Graham. *MarCor Gaz* 64:70-71 Feb '80; *Armed Forces & Soc* 6:688-694 Summer '80
- The Irony of Vietnam: The System Worked, by L. Gelb. *Army* 30:63 Feb '80; *RUSI J for Def Studies* 125:89-90 Mar '80; *Intl Sec* 4:199-218 Spring '80

BOOK REVIEWS - Continued

- Iwo, by R. Wheeler. *MarCor Gaz* 64:110-111 Nov '80
- Japan as Number One: Lessons for America, by E.F. Vogel. *Parameters* 10:102 Dec '80
- Japan's Political Revolution under MacArthur, by J. Williams, Sr. *Mil Rev* 60:91-92 Mar '80
- Just and Unjust Wars, by M. Walzer. *Armed Forces & Soc* 7:160-164 Fall '80
- Khaki-Collar Crime: Deviant Behavior in the Military Context, by C.D. Bryant. *Army* 30:65-66 Aug '80
- Khomeini: The Shah, the Ayatollah, the Shi'ite Explosion, by E. Stone. *J Pol & Mil Sociol* 8:281-299 Fall '80
- Kingdoms of the Blind, by H.W. Rood. *Strat Rev* 8:84-85 Summer '80
- The Kremlin's Dilemma, by T. Beamish and G. Hadley. *RUSI J for Def Studies* 125:76-77 Mar '80; *Mil Rev* 60:95 Jun '80
- Language of Violence: The Blood Politics of Terrorism, by E.O. Ballance. *Army* 30:55-56 Sep '80; *Mil Rev* 60:91-92 Oct '80
- The Last Adventurer, by R. Steiner. *AU Rev* 31:117-120 Sep-Oct '80
- Last Flight from Saigon, by T.G. Tobin and others. *Aerosp Hist* 27:68-69 Mar '80
- The Last Half-Century: Societal Change and Politics in America, by M. Janowitz. *J Pol & Mil Sociol* 7:312-314 Fall '79
- Legionnaire: My Five Years in the French Foreign Legion, by S. Murray. *Armor* 89:58-59 Jan-Feb '80
- Liddell Hart: A Study of His Military Thought, by B. Bond. *AU Rev* 31:117-118 Jan-Feb '80
- Lightning Joe: An Autobiography, by J.L. Collins. *MarCor Gaz* 64:59 Jan '80; *Mil Rev* 60:94-95 Jul '80
- Linebacker II: A View from the Rock, by J.R. McCarthy and G.B. Allison. *Nav War Col Rev* 32:115-117 Nov-Dec '79; *Aerosp Hist* 27:66 Mar '80
- The Lion's Last Roar: Suez 1956, by C.L. Cooper. *Infantry* 70:53 Nov-Dec '80
- The Literature of War: Five Studies in Heroic Virtue, by A. Rutherford. *RUSI J for Def Studies* 125:83 Jun '80
- MIG Pilot: The Final Escape of Lt Belenko, by J. Barron. *MarCor Gaz* 64:67-68 Aug '80; *Mil Rev* 10:95-96 Oct '80
- The McNamara Strategy and the Vietnam War: Program Budgeting in the Pentagon, 1960-1968, by G. Palmer. *Nav War Col Rev* 32:119-120 Nov-Dec '79
- Making Foreign Economic Policy, by I.M. Destler. *Army* 30:81-82 Jun '80

BOOK REVIEWS - Continued

- Man in Flight: Biomedical Achievements in Aerospace, by E. Engle and A.S. Lott. Aviation, Space & Envmt Med 51:627 Jun '80
- The Man Who Kept the Secrets: Richard Helms and the CIA, by T. Powers. AF Mag 63:34 Feb '80; Strat Rev 8:68-71 Winter '80; Intl Sec 5:152-171 Summer '80; RUSI J for Def Studies 125:86 Sep '80
- Manning the New Navy: The Development of a Modern Naval Enlisted Force, 1899-1940, by F.S. Harrod. J Pol & Mil Sociol 7:329 Fall '79
- Master of Sea Power: A Biography of Fleet Admiral Ernest J. King, by T.B. Buell. AF Mag 63:165 Sep '80; Nav War Col Rev 33:100-102 Nov-Dec '80
- The Men of the Gambier Bay, by E.P. Hoyt. US Nav Inst Proc 106:83-84 Feb '80
- The Menace of Atomic Energy, by R. Nader and J. Abbotts. AU Rev 31:107-110 Jul-Aug '80
- Micronesia under American Rule: An Evaluation of the Strategic Trusteeship (1947-77), by H.F. Nufer. AU Rev 31:107 Mar-Apr '80
- The Military in Contemporary Soviet Politics: An Institutional Analysis, by E.L. Warner III. Armed Forces & Soc 6:695-701 Summer '80
- Military Power and Policy in Asian States: China, India, Japan, edited by O. Marwah and J.D. Pollock. Nav War Col Rev 33:123-124 May-Jun '80
- Minimum Disclosure: How the Pentagon Manipulates the News, by J.A. Heise. US Nav Inst Proc 106: 84-85 Feb '80
- The Mortal Danger: How Misconceptions about Russia Imperil America, by A.I. Solzhenitsyn. Strat Rev 8:78-80 Summer '80
- Moscow Diary, by V. Mićunović. Trans by D. Floyd. Mil Rev 60:91-92 Jul '80
- Mounted Combat in Vietnam, by D.A. Starry. Nav War Col Rev 32:121 Nov-Dec '79; Army 30:80 Mar '80; RUSI J for Def Studies 125:89-90 Mar '80
- The Murder of Rudolf Hess, by H. Thomas. RUSI J for Def Studies 125:80 Mar '80
- Muslim-Christian Conflicts: Economic, Political, and Social Origins, edited by S. Joseph and B.L.K. Pillsbury. J Pol & Mil Sociol 8:131-133 Spring '80
- The My Lai Inquiry, by W.R. Peers. Parameters 9:88 Dec '79; Natl Def 64:74-75 Feb '80
- My Secret War, by R.S. Drury. Aerosp Hist 27:68 Mar '80; Mil Rev 60:91 Aug '80
- NATO, Turkey and the Southern Flank: A Mideastern Perspective, by I. Gurkan. MarCor Gaz 64:60 Oct '80
- National Security in the 1980s: From Weakness to Strength, edited by W.S. Thompson. Intl Sec Rev 5:407-420 Fall '80
- Nationalism in Iran: Updated Through 1978, by R. Cottam. J Pol & Mil Sociol 8:281-299 Fall '80

BOOK REVIEWS - Continued

- The Nationalization of Venezuelan Oil, by J.F. Petras and others. J Pol & Mil Sociol 7:319-321 Fall '79
- Nazi Prisoners of War in America, by A. Krammer. Aerosp Hist 27:68 Mar '80
- Neither Athens nor Sparta: The American Service Academies in Transition, by J.P. Lovell. Aerosp Hist 27:140 Jun '80; Nav War Col Rev 33:107-110 Nov-Dec '80
- New Technology and Military Power: General Purpose Military Forces for the 1980's and Beyond, by S.J. Deitchman. Parameters 9:90-91 Dec '79
- Nuclear Proliferation: Motivations, Capabilities and Strategies for Control, by T. Greenwood and others. AU Rev 31:102-106 Jul-Aug '80
- The Nuclear Question: The United States and Nuclear Weapons, 1946-1976, by M. Mandelbaum. Intl Sec 5:172-177 Summer '80
- Nuclear Weapons and World Politics: Alternatives for the Future, by D.C. Gompert and others. AU Rev 31:102-106 Jul-Aug '80
- The October Revolution, by R. Medvedev. Mil Rev 60: 87 Dec '80
- The Office of Naval Intelligence: The Birth of America's First Intelligence Agency, 1865-1918, by J.M. Dorwart. Nav War Col Rev 33:114-115 May-Jun '80
- Okinawa: The Great Island Battle, by B.M. Frank. MarCor Gaz 64:68 Apr '80
- On Every Front: The Making of the Cold War, by T.G. Paterson. Parameters 10:101-102 Mar '80
- On the Air in World War II, by J. MacVane. Army 30: 67-68 Jul '80; Mil Rev 60:94-95 Oct '80
- On the Edge of Politics: The Roots of Jewish Political Thought in America, by W.S. Berlin. J Pol & Mil Sociol 7:316-318 Fall '79
- On to Berlin: Battles of an Airborne Commander, 1943-1946, by J.M. Gavin. AU Rev 31:96-101 Jul-Aug '80; MarCor Gaz 64:66-67 Aug '80
- Orientalism, by E. Said. AU Rev 31:117-118 Jul-Aug '80
- The Origins of the Cold War in the Near East: Great Power Conflict and Diplomacy in Iran, Turkey and Greece, by B.R. Kuniholm. Strat Rev 8:97-100 Spring '80
- Our Endless War: Inside Vietnam, by Tran Van Don. AU Rev 31:117-122 Sep-Oct '80
- Our Energy Future: The Role of Research, Development, and Demonstration in Reaching a National Consensus on Energy Supply, by D.E. Kash and others. AU Rev 31:107-110 Jul-Aug '80
- The Palestine Triangle: The Struggle for the Holy Land, 1935-48, by N. Bethell. Mil Rev 61:89-90 Jan '81

BOOK REVIEWS - Continued

- The Palestinians in Israel: A Study in Internal Colonialism, by E.T.Zureik. J Pol & Mil Sociol 8: 131-133 Spring '80
- Panzer Army Africa, by J.Lucas. Armor 89:74 Jul-Aug '80
- Paratrooper!: The Saga of U.S. Army and Marine Parachute and Glider Combat Troops During World War II, by G.M.Devlin. Mil Rev 60:93-94 Jan '80; MarCor Gaz 64:60-61 Jan '80
- The Permanent Alliance: The European-American Partnership, 1945-1984, by G.Williams. AU Rev 31:102-108 Sep-Oct '80
- The Plumbat Affair, by E.Davenport and others. Armor 89:75 Jul-Aug '80
- The Political Implications of Soviet Military Power, edited by L.L.Whetten. Armed Forces & Soc 6: 695-701 Summer '80
- Politics and Markets: The World's Political-Economic Systems, by C.E.Lindblom. AU Rev 31:102-108 Sep-Oct '80
- The Politics of Energy, by B.Commoner. J Pol & Mil Sociol 8:312-314 Fall '80
- Preparing for the Next War: America Plans for Post-war Defense, 1941-45, by M.S.Sherry. AU Rev 31:107-108 Jan-Feb '80
- Present Danger: Towards a Foreign Policy, by R. Conquest. Mil Rev 60:92-93 Oct '80
- President Eisenhower and Strategy Management: A Study in Defense Politics, by D.Kinnard. Armed Forces & Soc 6:511-516 Spring '80
- The Price of Defense: A New Strategy for Military Spending, by the Boston Study Group. MarCor Gaz 64:70-71 Apr '80
- Primacy or World Order: American Foreign Policy since the Cold War, by S.Hoffmann. AU Rev 31: 111-113 Sep-Oct '80; Intl Sec 4:177-191 Winter '79/'80
- The Question of Palestine, by E.W.Said. Parameters 10:98-99 Dec '80
- The Qur'anic Concept of War, by S.K.Malik. Islamic Def Rev 5, No.2:55-56 '80
- R.N.: The Memoirs of Richard Nixon. Intl Sec 4: 199-218 Spring '80
- The Real War, by R.Nixon. US Nav Inst Proc 106:95 Sep '80; MarCor Gaz 64:62 Oct '80
- The Reluctant Admiral: Yamamoto and the Imperial Navy, by H.Agawa. Trans by J.Bester. US Nav Inst Proc 106:81 Feb '80
- Return from the River Kwai, by J.Blair and C.Blair, Jr. Sea Power 23:45-46 Jan '80; AF Mag 63:139 Mar '80
- A Revolution Is Not a Dinner Party: A Feast of Images of the Maoist Transformation of China, by R.H.Solomon. AU Rev 32:110-112 Nov-Dec '80

BOOK REVIEWS - Continued

- The Right Stuff, by T.Wolfe. AF Mag 63:83 Jan '80
- The Rise and the Fall of the Shah, by A.Saikal. AU Rev 31:114-117 Jul-Aug '80
- The Rocket Team, by F.I.Ordway III and M.R. Sharpe. Aerosp Hist 27:208 Sep '80
- Rommel--Battles and Campaigns, by K.Macksey. RUSI J for Def Studies 124:76 Dec '79
- Rommel in Normandy, by F.Ruge. Trans by U.R. Moessner. Armor 89:60 Jan-Feb '80; RUSI J for Def Studies 124:76 Dec '79
- A Scientist at the White House: The Private Diary of President Eisenhower's Special Assistant for Science and Technology, by G.B.Kistiakowsky. Armed Forces & Soc 6:511-516 Spring '80
- The Sea Power of the State, by S.G.Gorshkov. Sea Power 22:52-53 Dec '79
- Semper Fidelis: The History of the United States Marine Corps, by A.R.Millett. MarCor Gaz 64: 102+ Nov '80
- 76 Hours: The Invasion of Tarawa, by E.M.Hammel and J.E.Lane. MarCor Gaz 64:101 Nov '80
- A Short History of the Vietnam War, edited by A.R. Millett. AU Rev 31:94 Mar-Apr '80
- A Short History of World War II, by J.L.Stokesbury. Army 30:81 Apr '80
- Shuttle: The World's First Spaceship, by R.M. Powers. Aerosp Hist 27:66 Mar '80
- Sideshow, by W.Shawcross. Intl Sec 4:199-218 Spring '80
- The Silent Bomb, edited by P.T.Faulkner. AU Rev 31:107-110 Jul-Aug '80
- Silent Missions, by V.A.Walters. AU Rev 31:114-118 May-Jun '80
- Soldiers of '44, by W.P.McGivern. MarCor Gaz 64:68 Feb '80
- Soldiers, Statesmen and Cold War Crises, by R.K. Betts. MarCor Gaz 64:94 May '80
- Sole Survivor, by G.Gay. Aerosp Hist 27:135-136 Jun '80
- Southern Africa Stands Up: The Revolutions in Angola, Mozambique, Rhodesia, Namibia, and South Africa, by W.Burchett. Armor 89:59 Jan-Feb '80
- Soviet Intervention in Czechoslovakia, 1968: Anatomy of a Decision, by J.Valenta. Mil Rev 60:94-95 Jun '80
- Soviet Military Strategy in Europe, by J.D.Douglass, Jr. Strat Rev 8:81-83 Summer '80
- Soviet Perceptions of the United States, by M.Schwartz. MarCor Gaz 64:91 May '80
- Soviet Psychoprisons, by H.Fireside. Mil Rev 60:91 Oct '80

BOOK REVIEWS - Continued

- Soviet Strategy for Nuclear War, by J.D. Douglass, Jr and A.M. Hoeber. RUSI J for Def Studies 125: 85 Sep '80
- The Soviet Threat to NATO's Northern Flank, by M.K. Leighton. MarCor Gaz 64:60 Oct '80
- Special Operations Europe: Scenes from the Anti-Nazi War, by B. Davidson. NATO's Fifteen Nations 25:107 Aug-Sep '80
- The Sphinx and the Commissar: The Rise and Fall of Soviet Influence in the Arab World, by M. Heikal. Mil Rev 60:89-90 Mar '80
- Sputnik: Scientists and Eisenhower, by J.R. Killian, Jr. Armed Forces & Soc 6:511-516 Spring '80
- Standing into Danger, by C. Brown. US Nav Inst Proc 106:82 Feb '80
- A Star to Steer By: Success Through Positive Experimenting, by P. Sampson. AF Times 40:39 Feb 18 '80
- Strategic Implications of the All-Volunteer Force: The Conventional Defense of Central Europe, by K.J. Coffey. Nav War Col Rev 33:113 Mar-Apr '80; MarCor Gaz 64:93-94 May '80; Army 30:50 Sep '80; Parameters 10:96-97 Dec '80
- Strategic Thought in the Nuclear Age, edited by L. Martin. RUSI J for Def Studies 125:85-86 Sep '80; AF Mag 63:70 Oct '80
- Strategy and Ethnocentrism, by K. Booth. Nav War Col Rev 33:96-98 Jan-Feb '80
- Strategy for Defeat: Vietnam in Retrospect, by U.S.G. Sharp. AF Plcy Ltr for Comdrs: Sup, p 31, Apr '80; AU Rev 31:93-94 Mar-Apr '80
- Suez 1956, by S. Lloyd. Army Qtr 109:113-114 Jan '79
- Superpower Intervention in the Middle East, by P. Mangold. AF Plcy Ltr for Comdrs: Sup, p 33, May '80
- Superpowers International Conflict, by C. Holbraad. RUSI J for Def Studies 125:76-77 Mar '80
- Supplying War: Logistics from Wallenstein to Patton, by M. Van Creveld. MarCor Gaz 64:70-71 Mar '80
- Swords from Plowshares: The Military Potential of Civilian Nuclear Energy, by A. Wohlstetter and others. J Pol & Mil Sociol 8:125-127 Spring '80
- Tars, Turks, and Tankers: The Role of the United States Navy in the Middle East, 1800-1979, by T.A. Bryson. Nav War Col Rev 33:99-100 Nov-Dec '80
- Terrorism and the Liberal State, by P. Wilkinson. J Pol & Mil Sociol 7:314-316 Fall '79
- Terrorism: International Dimensions--Answering the Challenge, by P. Wilkinson. RUSI J for Def Studies 125:72-73 Jun '80

BOOK REVIEWS - Continued

- Terrorism; Threat, Reality, Response, by R.H. Kupperman and D.M. Trent. AF Mag 63:72 Apr '80; Nav War Col Rev 33:118-119 Jul-Aug '80; Parameters 10:99-100 Dec '80
- The Terrorist Mind, by G. McKnight. J Pol & Mil Sociol 7:314-316 Fall '79
- The Terrorists: Their Weapons, Leaders and Tactics, by C. Dobson and R. Payne. MarCor Gaz 64: 69-70 Feb '80
- The Third World War: A Future History, by J. Hackett and others. MarCor Gaz 64:68-69 Feb '80
- Those Wonderful Women in Their Flying Machines: The Unknown Heroines of World War II, by S.V.W. Keil. Mil Rev 60:92 Jan '80; AU Rev 31: 106-107 Mar-Apr '80
- Three Before Breakfast, by A. Coles. Nav War Col Rev 33:112 May-Jun '80
- Tiger Jack, by H.W. Baldwin. Parameters 9:88-90 Dec '79; Armor 89:56 Jan-Feb '80
- Timber: The Story of Operation Paul Bunyan, by W.A. Kirkbride. Mil Rev 61:93-94 Jan '81
- The Titanic: End of a Dream, by W.C. Wade. Sea Power 23:41 Feb '80
- To Set the Record Straight, by J.J. Sirica. AF Law Rev 21, No.2:392-395 '79
- Tokyo Rose: Orphan of the Pacific, by M. Duus. Trans by P. Duus. Mil Rev 60:91-92 Apr '80
- Transporting Natural Gas from the Arctic, the Alternative Systems, by W.J. Mead and others. AU Rev 31:107-110 Jul-Aug '80
- U-Boat War, by L.-G. Bucheim. Trans by G. Lawawtz. Armor 89:57-58 Mar-Apr '80
- The U.S.S.R. and Global Interdependence: Alternative Futures, by W.C. Clemens, Jr. AU Rev 31: 102-108 Sep-Oct '80
- Ultra Goes to War, by R. Lewin. MarCor Gaz 64: 79-80 Jul '80; AU Rev 32:119 Nov-Dec '80
- The Ultra Secret, by F.W. Winterbotham. MarCor Gaz 64:76-78 Jul '80
- Uncertain Greatness: Henry Kissinger and American Foreign Policy, by R. Morris. AU Rev 31:119-120 Jul-Aug '80
- U.S. Foreign Policy in Asia: An Appraisal, edited by Yung-Hwan Jo. AU Rev 31:129-134 May-Jun '80
- The United States in the 1980s, edited by P. Duigan and A. Rabushka. US Nav Inst Proc 106:82-83 Aug '80

BOOK REVIEWS - Continued

U.S. Marines in Vietnam: The Landing and the Build-up, by J. Shulimson and C. M. Johnson. Nav War Col Rev 33:110 Jan-Feb '80; MarCor Gaz 64:65-66 Aug '80

Very Special Intelligence, by P. Beesly. AU Rev 31:114-118 May-Jun '80; MarCor Gaz 64:78 Jul '80

Vietnam for the Record: A Review Essay (of some things that have been written about Vietnam), by R. J. Rinaldo. Infantry 70:13-16 Jan-Feb '80

The Vietnam War: The Illustrated History of the Conflict in Southeast Asia, edited by R. Bonds. Army 30:63-64 Feb '80

War, Economy and Society: 1939-1945, by A. S. Milward. AU Rev 31:104-105 Jan-Feb '80

The War Game: A Critique of Military Problem Solving, by G. D. Brewer and M. Shubik. Mil Rev 60:88-89 Jan '80; Nav War Col Rev 33:98-99 Nov-Dec '80

The War Lords, by A. J. P. Taylor. AU Rev 31:119-124 May-Jun '80

War, Morality and the Military Profession, edited by M. Wakin. Army 30:62-63 Feb '80; Parameters 10:95-96 Jun '80; AF Mag 63:117-118 Nov '80

War on the Mind: The Military Uses and Abuses of Psychology, by P. Watson. Armed Forces & Soc 6:313-331 Winter '80

War Reporter, by J. D. Harris. US Nav Inst Proc 106:89 Jun '80

War Story, by J. Morris. Armor 89:60 Mar-Apr '80

The War That Hitler Won: The Most Infamous Propaganda Campaign in History, by R. E. Herzstein. AU Rev 31:119-124 May-Jun '80

Warfare in a Fragile World--Military Impact on the Human Environment, by A. H. Westing. Nav War Col Rev 33:112-113 Nov-Dec '80

We Are Everywhere: Narratives from Rhodesian Guerrillas, by M. Raeburn. MarCor Gaz 64:71-72 Feb '80

Weapons of Mass Destruction and the Environment, by Stockholm International Peace Institute. Soviet Mil Rev No. 6:52-53 Jun '80

The Weapons of Terror: International Terrorism at Work, by C. Dobson and R. Payne. RUSI J for Def Studies 125:72-73 Jun '80

Weber and Islam: A Critical Study, by B. S. Turner. J Pol & Mil Sociol 7:309-311 Fall '79

The West Bank and Gaza: Toward the Making of a Palestinian State, by E. Nakhleh. AU Rev 32:119-120 Nov-Dec '80

The White House Years, by H. Kissinger. Parameters 10:94-95 Jun '80; Mil Rev 60:90-91 Sep '80; US Nav Inst Proc 106:95-96 Sep '80; Armed Forces & Soc 6:654-665 Summer '80; MarCor Gaz 64:63 Oct '80

BOOK REVIEWS - Continued

Why the Vietcong Fought: A Study of Motivation and Control in a Modern Army in Combat, W. D. Henderson. Mil Rev 60:93-94 Nov '80

The Widening Gulf: Asian Nationalism and American Policy, by S. S. Harrison. AU Rev 31:129-134 May-Jun '80

Wilderness of Mirrors, by D. C. Martin. Armed Forces J Intl 117:77 Jun '80; AF Mag 63:92 Aug '80

With No Apologies, the Personal and Political Memoirs of United States Senator Barry M. Goldwater. AF Mag 63:92-93 Jun '80

The Wizard War: British Scientific Intelligence, 1939-1945, by R. V. Jones. MarCor Gaz 64:78-79 Jul '80; Nav War Col Rev 33:117-118 May-Jun '80; AU Rev 32:118 Nov-Dec '80

World Power Trends and U.S. Foreign Policy for the 1980s, by R. Cline. Sea Power 23:14 Jul '80

The Yugoslav Experiment, 1948-1974, by D. Rusinow. AU Rev 31:114-116 Sep-Oct '80

The Zionist Connection: What Price Peace? By A. M. Lilienthal. Mil Rev 60:95 Apr '80

BOOKS AND READING

Curing government illiteracy. M. Scott Downing. Govt Exec pt 1, Communicating to a nation of tenth graders: The comprehension drops as content gets complex. 12:28-29+ Jul '80; pt 2, An automatic comprehension check for government regulation originators. 12:28+ Aug '80

Notable naval books of 1979. Jack Sweetman. illus US Nav Inst Proc 106:90-94 Jan '80

World's biggest bookstore (Government Printing Office). Jerry Atchison. illus Soldiers 35:50-52 Dec '80

BOOSTERS

Ariane: Third time lucky. illus Interavia 35:116-117 Feb '80

Creation of Arianespace, the world's first space transportation company. tab Interavia 35:401 May '80

European launcher (Ariane) set to loft satellites. illus tabs Def Elect 12:28 Dec '80

Gallery of USAF weapons: Launch vehicles. illus AF Mag 63:148-149 May '80

BOSTONDescription and Travel

Boston: A city on a hill. illus Soldiers 35:40-43 Jul '80

BOWERS, Emmett W.

Feeding the 'now' generation. MajGen Emmett W. Bowers. Army Log 12:8-11 Mar-Apr '80

BRAIN

Electroencephalographic recordings during parachute jump sessions. P.Gauthier and others. illus Aviation, Space & Envmt Med 51:336-338 Apr '80

Finger trouble. Roger Green. illus MAC Flyer 27: 12-15 May '80

Motion sickness. Part II: A clinical study based on surgery of cerebral hemisphere lesions. Richard C.Schneider and Elizabeth C.Crosby. illus Aviation, Space & Envmt Med 51:65-73 Jan '80

Motion sickness. Part III: A clinical study based on surgery of posterior fossa tumors. Richard C. Schneider and Elizabeth C.Crosby. illus tab Aviation, Space & Envmt Med 51:74-85 Jan '80

Psychomotor performance during ozone exposure: Spectral and discriminant function analysis of EEG. J.A.Gliner and others. tabs Aviation, Space & Envmt Med 51:344-351 Apr '80

BRAKES

See also
Airplanes, Military--Brakes

BRAZIL

Continental interdependence, energy, and integration in the Americas. Alejandro Orfila. AEI For Plcy & Def Rev 1, No.6:15-21 '79

Politics and Government

The military and political decompression in Brazil. Jan Knippers Black. Armed Forces & Soc 6:625-638 Summer '80

BRETT, Devo

The winged lion (Allied Air Forces Southern Europe). LtGen Devo Brett. NATO's Fifteen Nations Special Issue No.2:34-36 '79

BRIDGES

The bridge at Remagen. illus Soldiers 35:20-21 Sep '80

When the rains came (in southern California) ... SP5 Harry Williams. illus Soldiers 35:52 Aug '80

BRIEFING AND BRIEFING TEAMS

Flight lead responsibilities. illus TAC Attack 20: 22-24 Oct '80

Flight lead responsibilities. Maj Mike Ridnouer. illus TAC Attack 20:4-6 Sep '80

Tactical briefing. Lt-Col Yu. Chinkov. illus Soviet Mil Rev No.4:40-41 Apr '80

BROOKSHER, William R.

Air Force Office of Security Police. por AF Mag 63: 117-118 May '80

BROWN, Harold

Brown directs C-X IOC (Initial Operational Capability) by Sep 1985. Benjamin F.Schemmer. Armed Forces J Intl 117:26+ Mar '80

BROWN, Harold - Continued

Brown letter faults DOD (Defense authorization) bills Harold Brown. AF Times 41:4 Aug 4 '80

Brown: Oil price hikes hurt U.S. defense. Harold Brown. AF Times 40:22 Jul 14 '80

Brown orders "rapid introduction" of Army/USMC light arm'd vehicles. Deborah G.Meyer. Armed Forces J Intl 117:14+ Apr '80

Brown slows F-18 by 40% in FY '82-'83. Armed Forces J Intl 118:17+ Sep '80

Brown will review top DOD grade actions. Winston S. Wood. AF Times 41:15 Dec 1 '80

Carter criticized (by veterans organizations), defended (by DefSec Brown). Laurie Parker. AF Times 41:4 Oct 27 '80

A countervailing strategic strategy. Harold Brown. por Defense/80, pp 2-9, Oct '80

(DefSec) Brown says no reallocation. AF Times 41:1+ Sep 29 '80

(DefSec) Brown wants 2-tier retirement. AF Times 40:4 Feb 11 '80

Excerpts from Governor Reagan's speech on Stealth leaks (Jacksonville, FL, Sep 4, 1980). SecDef Brown's rejoinder. Armed Forces J Intl 118:72 Oct '80

(Gen David) Jones to (Harold) Brown: Full Nunn-Warner benefits 'essential.' Bruce Callander. AF Times 40:1+ Apr 21 '80

(Harold) Brown's Posture Statement. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Mar 10 '80

House panel (Armed Services Subcommittee on Investigations) calls Brown on 'leaks.' AF Times 41:12 Sep 8 '80

Melvin Laird vs Harold Brown. LtGen Ira C.Eaker, Ret. AF Times 41:19-20 Sep 8 '80

The Persian Gulf and Southwest Asia: Interests & strategies. Harold Brown. por Defense/80, pp 2-9, Jun '80

Sec Brown under oath on 'Stealth.' Martha Lynn Craver. por AF Times 41:3 Sep 15 '80

SecDef Brown directs huge USMC, Army buys of light armored vehicles. Benjamin F.Schemmer. Armed Forces J Intl 118:17-18 Sep '80

SecDef Brown previews FY '81 defense budget: \$157.5-billion FY '81 budget = 5.6% real increase, \$142-b outlay. Deborah M.Kyle. Armed Forces J Intl 117:32-32a Jan '80

SecDef Brown's memo on tac air readiness. Armed Forces J Intl 117:29-30+ May '80

Statement of Defense Secretary Harold Brown (on Stealth technology). por Armed Forces J Intl 118:23 Oct '80

BROWN, Harold - Continued

Statement on the M-X system. (Presentation, Subcommittee on Military Construction, Senate Appropriations Committee, Washington, May 6, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 15-18, Jul '80

'Stealth' aircraft invisible to radar (Def Sec Brown has announced). AF Times 41:12 Sep 8 '80

'Stealth' aircraft technology. Harold Brown and William J. Perry. AF Plcy Ltr for Comdrs: Sup, pp 9-11, Oct '80

Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 29, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-14, Apr '80

U.S. policy and Asia. (Excerpts from Defense Dept Annual Report, FY '81) Harold Brown. por Asian Def J No.2:6+ Mar-Apr '80

U.S. strategic nuclear policy. (Presentation, Naval War College, Aug 20, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Oct '80

What are U.S. interests? (Presentation, Council on Foreign Relations, New York, March 6, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-10, May '80

BROWN, Thomas F., III

The Admiral's land command. (RADM Thomas F. Brown III, current head of the Military Enlistment Processing Command) Sgt Craig Pugh. Airman 24:40-43 Nov '80

BROWNING, George M., Jr

The Directorate of Budget. MajGen George M. Browning, Jr. por AF Compt 14:4-9 Oct '80

Directorate of Budget. MajGen George M. Browning, Jr. por AF Compt 14:20 Oct '80

FY 1981 Air Force budget in brief. MajGen George M. Browning, Jr. por AF Compt 14:10-13 Apr '80

Funds crunch said to harm AF mission. AF Times 40:4 Jan 7 '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. por AF Compt 14:10 Jan '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. por AF Compt 14:33 Apr '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. por AF Compt 14:21 Jul '80

BRUEN, John D.

MTMC: Cornerstone of strategic mobility. MajGen John D. Bruen. por Army 30:194-199 Oct '80

Managing transportation for fuel savings. MajGen John D. Bruen. Army Log 12:2-5 Jan-Feb '80

Transportation challenges in the 80s. MajGen John D. Bruen. Translog 10:3-4 Dec '79

BRUNEIForeign RelationsGreat Britain

Political history of Brunei. B.A. Hamzah. map Asian Def J pt 1, No.3:70-72+ May-Jun '80; pt 2, No.4: 18-20+ Jul-Aug '80

History

Political history of Brunei. B.A. Hamzah. map Asian Def J pt 1, No.3:70-72+ May-Jun '80; pt 2, No.4: 18-20+ Jul-Aug '80

Politics and Government

Political history of Brunei. B.A. Hamzah. map Asian Def J pt 1, No.3:70-72+ May-Jun '80; pt 2, No.4: 18-20+ Jul-Aug '80

BUCKINGHAM, Clay T.

JINTACCS (Joint Interoperability of Tactical Command and Control Systems). MajGen Clay T. Buckingham. Signal 34:53-54+ May-Jun '80

'Lifeblood' of full combat power. MajGen Clay T. Buckingham. Army 30:20-22+ Apr '80

BUDGET

For budgets of the military services and other agencies see Appropriations and Expenditures.

The Directorate of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:4-9 Oct '80

Directorate of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:20 Oct '80

The Federal budget: Cost-based in the 1980's. Charles A. Bowsheer and others. illus tab Armed Forces Compt 25:10-15+ Aug '80

Financial management's information gap--are two languages used? Thomas F. Galligan. illus AF Compt 14:24-26 Jul '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:10 Jan '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:33 Apr '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:21 Jul '80

Methodology

Avoiding bias in progress functions. Robert Crouch. illus tab Def Mgt J 16:41-45 Third Quarter '80

United States

Accord on budget; raise still up in the air. Martha Lynn Craver. AF Times 40:1+ Jun 2 '80

House rejects '81 budget, but OKs defense money. AF Times 40:14 Jun 9 '80

Military overspending: A real present danger. tabs Def Monitor 9, No.7: entire issue '80

'81 budget due \$1.4 billion cut. Paul Smith. AF Times 40:28 Apr 14 '80

BUDGET - ContinuedUnited States - Cont'd

(Overall defense budget situation and concerns and goals in the area of comptrollership) (Address, American Society of Military Comptrollers, San Antonio, May 23, 1980) James T. McIntyre, Jr. illus Armed Forces Compt 25:5-7 Aug '80

BUETER, Arnold G.

Arnold G. Bueter retires as Acting Assistant Secretary of the Air Force (FM). por AF Compt 14:2 Apr '80

BUILDING AND CONSTRUCTIONSee also

Air Bases--Construction
Missile Bases--Construction
Underground Structures

A-E (Architect-Engineer): Competitive price negotiation. Paul J. Andrews. Govt Exec 12:42+ Aug '80

Air Force engineering challenges for the 1980's. Joe F. Meis. illus Mil Engr 72:107-109 Mar-Apr '80

Air Force engineering in the 1980's. MajGen William D. Gilbert. illus charts Mil Engr 72:15-18 Jan-Feb '80

Air launched cruise missile construction program. Maj Gerald L. Robinson and others. illus AF Engrg & Svcs Qtr 21:28-30+ May '80

Architecture/Engineering contracts: Favoritism at best; price fixing at worst. Govt Exec 12:17-19 Apr '80

CG (Comptroller General) says AF erred in Malmstrom (AFB, MT) project. AF Times 40:7 Apr 28 '80

Construction claims--implications for the future. Paul D. Matthews and Irv Richter. illus Mil Engr 72:333-337 Sep-Oct '80

Construction for FY '81 gets congressional OK. Paul Smith. AF Times 41:7 Oct 20 '80

Demonstrating professional capabilities. (Two major AF construction programs in the Far East) Capt Barry Kelly. illus AF Engrg & Svcs Qtr 21:33-36 May '80

Docking facilities for tankers: An offshore construction challenge. CAPT Custer F. Krickenberg, Jr., Ret. illus Mil Engr 72:178-180 May-Jun '80

EM, family housing getting go-ahead. John Ginovsky. AF Times 41:7 Nov 24 '80

From military to civilian engineering: A career dilemma. Col George B. Gray. illus Mil Engr 72: 244-246 Jul-Aug '80

House panel (Appropriations Committee) OKs housing units. AF Times 40:18 Jul 14 '80

Large structures in space: A new engineering challenge. Thomas Hagler. illus Mil Engr 72:318-322 Sep-Oct '80

BUILDING AND CONSTRUCTION - Continued

MCP (Military Construction Program) construction surveillance. TIG Brief 32:22 Aug 8 '80

Military construction program (for Marine Corps bases). Tables only. MarCor Gaz 64:6 Dec '80

New tank facility takes shape (at Marine Corps Air Ground Combat Center, Twentynine Palms, CA). illus MarCor Gaz 64:10 Nov '80

'81 construction fund at \$5.3B--up \$1.3B. AF Times 40:6 Mar 3 '80

Pending OMB rule could block building of VA, military hospitals. AF Times 41:52 Oct 27 '80

Physical security upgrade program. TIG Brief 32:4 Oct 17 '80

Planning the MX weapon system. LtCol Thomas L. Bozarth. illus Mil Engr 72:308-311 Sep-Oct '80

The Saudi Arabian construction program. LtCols Harry W. Glaze and Larry G. Garrison. illus tab map AF Engrg & Svcs Qtr 21:20-23 May '80

Space shuttle update: Into the construction phase. LtCol Thomas L. Bozarth. illus AF Engrg & Svcs Qtr 21:8-9 May '80

To withstand the firestorm. (Paul Vauthier's prophetic ideas) Philip D. Supina. illus US Nav Inst Proc 106:42-46 Nov '80

Vandenberg (AFB, CA) launches in 1983--MX, space projects bulk large. Interview. MajGen William D. Gilbert. AF Times 40:21 Mar 31 '80

Safety Measures

Excavation damage prevention programs. Charles H. Batten and Barry M. Sweedler. tabs Mil Engr 72: 328-332 Sep-Oct '80

BUNYARD, Jerry M.

Tomorrow's war today. BrigGen Jerry Max Bunyard. AF Mag 63:64-67 Oct '80

BUREAU OF THE BUDGET see Office of Management and BudgetBURIAL

Arlington Cemetery: New rules. AF Times 40:15 Apr 7 '80

BURKE, Kelly H.

The strategic triad in the '80s. (Presentation, National Security Industrial Assoc, Washington, Dec 12, 1979) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 24-30, Apr '80

Why the U.S. must have the MX missile. LtGen Kelly H. Burke. Air Reservist 32:3 May '80

Why the U.S. needs the C-X. (Presentation, East Coast Section, Society of Experimental Test Pilots, Washington Navy Yard, March 18, 1980) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 23-27, Jun '80

BURMA

Foreign Policy

The threat to Burma's neutrality. Michael Morgan.
illus Def & For Aff 8, No. 5:28-29 '80

Foreign Relations

The threat to Burma's neutrality. Michael Morgan.
illus Def & For Aff 8, No. 5:28-29 '80

BURPEE, Richard A.

SAC readiness: The DE (Damage Expectancy) formula. BrigGen Richard A. Burpee. por Combat Crew 30:2-3 May '80

BUSINESS

See also

Small Business

The effect of business decisions. Dallas R. Blevins.
tabs Armed Forces Compt 25:24-27 Feb '80

BUTLER, Smedley D.

Butler at Fort Riviere. Capt H.W.Snyder. por
MarCor Gaz 64:83-87 Nov '80

BYRD, Harry F., Jr

Sen Harry Byrd says military manpower at crisis level. Officer 56:23 Nov '80

CAP see Civil Air Patrol

CAT (Clear Air Turbulence) see Turbulence

CBW see Chemical-Biological Warfare

CEMA see Council of Mutual Economic Assistance

CENTO see Central Treaty Organization

CHAMPUS (Civilian Health And Medical Program of the Uniformed Services) see Medicare

CIA see Central Intelligence Agency

COMECON see Council of Mutual Economic Assistance

CRAF see Civil Reserve Air Fleet

CABIN CREWS

Disorders of the menstrual cycle in airline stewardesses. R. Iglesias and others. tabs Aviation, Space & Envmt Med 51:518-520 May '80

Emergency medicine and the airline passenger. Stanley R. Mohler and others. illus tabs Aviation, Space & Envmt Med 51:918-922 Sep '80

Preventive medicine aspects and health promotion programs for flight attendants. Joseph D. Alter and Stanley R. Mohler. Aviation, Space & Envmt Med 51:168-175 Feb '80

CABLES

Fiber optic communication systems for the U.S. Army. Alexander Mondrick and James Wright. tabs Signal 35:31-32+ Nov '80

CALIBRATION

Kinetic energy penetrators versus armor. Joseph E. Backofen, Jr. illus tab Armor 89:13-17 Mar-Apr '80

CAMBODIA

Kampuchea: The people will triumph. V. Yefremov. Soviet Mil Rev No. 10:54-55 Oct '80

Kampuchean (Cambodian) relief: U.S. policy. (Reprinted from Gist, Nov 1979) AF Plcy Ltr for Comdrs: Sup No. 3:38-40 Mar '80

Kampuchea's conflict boils over. Leigh Johnson. Def & For Aff 8, No. 3:15-18 '80

Southeast Asia today--cultural continuity and political instability. Thomas J. Bellows. illus AU Rev 31: 83-92 Sep-Oct '80

Politics and Government

UN debate on Cambodia. (Statement at UN General Assembly, Oct 16, 1980) Anthony Parsons. map Asian Def J No. 6:34-38 Nov-Dec '80

CAMERAS

Eglin (AFB, FL) film units run 40,000 per second. illus AF Times 41:27 Jul 28 '80

The gun camera. Maj William M. Durbin. illus USA Avn Dig 26:18-20 Jul '80

CAMOUFLAGE

Dual textured camouflage evaluated. 1stLt John Braaten. illus Armor 89:15-17 Jul-Aug '80

Maskirovka: Are the Russians taking us down the garden path? Scott James. illus Def Elect 12:43-44+ Aug '80

New feathers for MAC birds. Capt John P. Pugh. illus Airlift Ops Rev 2:11-14 Jan-Mar '80

CAMPING see Recreation

CAMPS, MILITARY see Army Posts

CANADA

Foreign Policy

Canada's future in NATO. Joel J. Sokolsky. illus US Nav Inst Proc 106:66-73 Jan '80

Foreign Relations

NATO

Canada's future in NATO. Joel J. Sokolsky. illus US Nav Inst Proc 106:66-73 Jan '80

Politics and Government

A divided Canada? Col Wilfred L. Ebel. illus map Mil Rev 60:58-62; Commentary. LtCol William K. McGill. 60:62-63 Jun '80

CANALS see Waterways

CARDIOVASCULAR RESUSCITATION see Artificial Respiration

CAREER PROGRAM

Here are entered materials on career specialization and professional development. Specific occupations may be found under their own headings, e.g., Engineers.

(Airlift issues) (Interview with Col Robert B. Patterson) Maj Edward F. Wittel. illus Airlift Ops Rev 2:2-8 Jul-Sep '80

Bars to stars. Regular feature in issues of Air Defense Magazine

Bolstering the backbone. LtCol Thomas B. Vaughn. illus Infantry 70:25-26 May-Jun '80

CCCMP (Comptroller Civilian Career Management Program) is moving right along. Carodean McDowell. illus AF Compt 14:10-11 Oct '80

Career and personnel information. Regular feature in issues of Air Force Journal of Logistics

Career development. TIG Brief 32:9 Oct 17 '80

Career enhancement for Air Force civilian logisticians. Mel Waldgeir. Log Spectrum 14:11-12 Spring '80

Career incentives for JOs lacking. John Ginovsky. AF Times 40:2 Jun 2 '80

CAREER PROGRAM - Continued

Career opportunities in SAC Operations Plans.
BrigGen Allen K. Rachel and Maj Dennis P. Hynes.
illus Navigator 27:22-24 Winter '80

Comptroller civilian career enhancement program.
Carodean McDowell. illus AF Compt 14:14-15+
Apr '80

Disaster (preparedness career) field to 'grow its
own.' AF Times 41:4 Sep 8 '80

Enlisted career news. Regular feature in issues of
Air Defense Magazine

Enlisted career notes. Regular feature in issues of
Infantry

Fact versus perception--the "fightergator" enters the
80s. Capt Joseph H. Wehrle, Jr. tabs Aerosp Safe-
ty 36:4-6 Oct '80

506 civilians picked for Logistics (Executive) Cadre.
AF Times 41:28 Oct 27 '80

New (Electronic Security) Command has career plan
going. AF Times 41:38 Nov 3 '80

Notes from the computer resource managers. Maj
Bob Simpson and SMSgt Phil Barrick. illus AF
Compt 14:29 Jan '80

Notes from the computer resource managers. Maj
Bob Simpson and SMSgt Phil Barrick. illus AF
Compt 14:36 Apr '80

Notes from the computer resource managers. Maj
Bob Simpson and SMSgt Phil Barrick. illus AF
Compt 14:34 Jul '80

Notes from the computer resource managers. Maj
Wayne Traywick and SMSgt Phil Barrick. illus AF
Compt 14:30 Oct '80

Notes from the Palace Dollar team. Maj Gary G.
Payne. illus tabs AF Compt 14:35 Jul '80

Notes from the Palace Dollar team: Enlisted career
management in Palace Dollar. SSgt Bob Hake. illus
tabs AF Compt 14:37 Apr '80

Notes from the Palace Dollar team: Observations
after two months at MPC. Capt David T. Redmon.
illus AF Compt 14:28 Jan '80

OPMD-EPMD Armor. Regular feature in issues of
Armor

OPMS (Officer Personnel Management System)
corner. Regular feature in some issues of United
States Army Aviation Digest

Officer career guide due soon. AF Times 41:18
Aug 11 '80

Officers career notes. Regular feature in issues of
Infantry

An open letter to company grade artillerymen. LtCol
Leslie E. Beavers. illus Fld Arty J 48:23-27 Jan-
Feb '80

The Palace Dollar team: CY '80 majors results and
1981 overseas assignments. Capt Charles Carpen-
ter. illus AF Compt 14:31 Oct '80

CAREER PROGRAM - Continued

Revival of the dead-end career. David A. Pyle. illus
tabs Def Mgt J 16:58-62 Second Quarter '80

The unit career advisor. TIG Brief 32:23-24
Aug 29 '80

CAREY, Gerald J., Jr

Electromagnetic combat. MajGen Gerald J. Carey,
Jr. AF Mag 63:83-87 Jul '80

CARGOSee also

Air Cargo

Freight and Freightage

Hazardous Substances--Transportation

Emphasis needed on preventing damage to cargo
shipments. TIG Brief 32:12 Mar 21 '80

RORO (Roll-On Roll-Off) Pacific. CWO Lynn D. Riley.
illus Translog 11:20 Dec '80

Realistic training for Reservists--Sharpe Army Depot
staff feature. Translog 11:8-9 Oct '80

VIC (Very Important Cargo) receives TLC from
MOTBYs (Military Ocean Terminal BaYonne)
Packing Branch. illus Translog 11:10-12 Oct '80

"The whole world is watching" (ocean cargo in and
out of Portugal). MSgt Franklin G. Lewis. illus
Translog 11:2-4 May '80

CARIBBEAN REGION

America's soft underbelly: Central America and the
Caribbean. John J. Tierney. illus Sea Power 23:
14-16 Jun '80

A breach in the ramparts. (Soviet Navy in the Carib-
bean) ENS Christopher A. Abel. illus US Nav Inst
Proc 106:46-50 Jul '80

The Coast Guard and the southeastern frontier. CAPT
A.R. Larzelere. illus tabs map US Nav Inst Proc
106:140-153 May '80

Security to the south: U.S. interests in Latin Ameri-
ca. Margaret Daly Hayes. Intl Sec 5:130-151 Sum-
mer '80

Foreign RelationsUnited States

Latin American and Caribbean issues: 1980. Ben S.
Stephansky. AEI For Plcy & Def Rev 2, No.5:
23-27 '80

Strategic Importance

The umpteenth Cuban confrontation. Capt Leslie K.
Fenlon, Jr, Ret. illus US Nav Inst Proc 106:40-45
Jul '80

CARICATURES AND CARTOONS

Bill Mauldin (views the National Guard as a viable
fighting force ... some 40 years later). Pamela
A. Kane. illus Natl Guard 34:20-22 Nov '80

Bob Stevens--flying cartoonist. Hugh Winkler. illus
AF Mag 63:158+ Sep '80

CARICATURES AND CARTOONS - Continued

Here's Jake (John H. Schuffert). Edwin J. Kosier. illus Sergeants 18:23 Dec '80

Memories of the Berlin Airlift (32 years ago). Cartoons. "Jake" Schuffert. Airman 24:34-37 May '80

Mort Walker: The man behind 'Beetle Bailey.' Donna M. Peterson. illus AF Times 41:43 Nov 24 '80

CARPENTER, M. Kathleen

Carpenter's views: Academies lagging in minority efforts. AF Times 41:10 Sep 8 '80

New directions for equal opportunity. M. Kathleen Carpenter. por Defense/80, pp 2-15, Feb '80

CARR, Richard

Air Force Chaplain Service. por AF Mag 63:132 May '80

Pour more energy into human factor. Interview. MajGen Richard Carr. AF Times 41:5 Aug 18 '80

The power of a servant leadership. Ch(MajGen) Richard Carr. TIG Brief 32:2 Nov 28 '80

CARTER, James E.

Carter decision on draft surprises many. Andy Plattner. AF Times 40:3 Feb 4 '80

Carter faulted on national defense ad. AF Times 41:41 Oct 20 '80

Carter tells DOD: Stop complaining about pay. Richard C. Barnard. AF Times 40:1+ Mar 17 '80

Carter: Women won't serve in combat. AF Times 40:6 Feb 25 '80

Carter's (budget) requests: Raise--bonus--benefits. Richard C. Barnard. AF Times 40:3 Feb 11 '80

Carter's new nuclear policy. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 1 '80

(New Carter doctrine) LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Feb 11 '80

Nunn-Warner, dental plan get Carter okay. AF Times 40:1+ Jun 9 '80

President Carter's comments on Stealth leaks. (Informal remarks to reporters, Perth Amboy, NJ, Sep 9, 1980) Armed Forces J Intl 118:73 Oct '80

Reagan criticizes Carter on military. AF Times 40:12 Mar 31 '80

Some questions for November. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Jul 28 '80

Who is war candidate? LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 3 '80

CARTOGRAPHY see Maps and Mapping

CARTOONS see Caricatures and Cartoons

CASUALTIES

Battlefield lasers: A new problem with an old cure. LtCol Douglass P. Bacon. illus tab Mil Rev 60:33-39 Oct '80

Civilian hospitals eyed for war use. AF Times 40:12 Jun 16 '80

Civilian response good to wartime hospital plan (Civilian-Military Contingency Hospital System). AF Times 41:16 Nov 17 '80

Deterrent military forces: Risk to life. Benton G. Dishman. tabs Armed Forces & Soc 6:190-201 Winter '80

GAO faults DOD on plans to handle war casualties. AF Times 41:4 Jul 28 '80

Psychiatric battle casualties: The missing column in a war without replacements. Majs Larry H. Ingraham and Frederick J. Manning. illus Mil Rev 60:18-29 Aug '80

Statistics

America's wars. Tables only. (Reprinted from Air Force Policy Letter for Commanders: Supplement, April 1979) Mil Rev 60:37 Jan '80

CATALOGS, SUPPLY

Shopping by the book. (Catalog sales program) SGM Bruce Bant. illus Soldiers 35:36-39 Jul '80

CATAPULTS

United States aviation units aboard fast battleships in World War II: Changing missions in midstream. Malcolm Muir, Jr. illus Aerosp Hist 27:95-100 Jun '80

CATTON, Jack J.

Airlift heritage: Evolution of airlift. (Address, Airlift Operations School, Jan 24, 1980) Gen Jack J. Catton, Ret. por Airlift Ops Rev 2:23-29 Apr-Jun '80

(Significant changes in airlift) Interview. Gen Jack J. Catton, Ret. por Airlift Ops Rev 2:2-4 Apr-Jun '80

CAVALRYSee also

Air Cavalry

Covering force operations. Col Robert E. Wagner. illus Armor 89:9-12 Mar-Apr '80

The U.S. Army's Infantry and Cavalry Fighting Vehicles. David G. Holmes. illus tabs Intl Def Rev 13, 7:1075-1081 '80

History

12th Lancers at Moy (1914). Capt Douglas S. Aykroyd. illus map Armor 89:20-23 Jan-Feb '80

A master of cavalry--"Light Horse Harry" Lee. Capt John Weisz. illus Armor 89:36-38 Sep-Oct '80

Special forces of the Plains. (Solomon Avengers, Army scouts against the Indians, 1868) Michael L. Starr. illus Army 30:43-45+ Feb '80

1st CAVALRY DIVISION

The 1st Cavalry Division. Maj Michael L. Lanning and Lt Anthony W. Warren. illus Infantry 70:18-22 Mar-Apr '80

1st Cavalry Division Aviation. 1stLt Anthony W. Warren. illus USA Avn Dig 26:8-9 Aug '80

CELEBRATIONS

The Idaho affair. (Air Force Appreciation Day at Mountain Home, ID) James A. George. illus Airman 24:44-47 Feb '80

The parades on Red Square. Col Daniel K. Malone. illus Natl Def 65:64-66+ Oct '80

CELESTIAL NAVIGATION see Navigation, CelestialCEMETERIES, NATIONAL

Arlington Cemetery: New rules. AF Times 40:15 Apr 7 '80

Rest in peace: Arlington Cemetery. Maj John A. Reichley. illus Mil Rev 60:18-19 May '80

VA announces two national cemetery sites (Fort Gillem, GA and Fort Custer, MI). Officer 56:30 Feb '80

CENSUS BUREAU

Count off--Census 1980. Capt Gardner M. Nason. illus Soldiers 35:52-53 Apr '80

High speed facsimile drives census data. illus Govt Exec 12:47-48 Nov '80

Stand up and be counted. Mike Nason. illus Sergeants 18:14-15 Mar '80

Telecommunications and the 1980 Census. McRae Anderson and Carl A. Walker. illus Signal 34:37-40 Mar '80

CENTRAL AMERICA

America's soft underbelly: Central America and the Caribbean. John J. Tierney. illus Sea Power 23:14-16 Jun '80

CENTRAL INTELLIGENCE AGENCY

American power and the survival of the West. James R. Schlesinger. illus Parameters 10:19-25 Jun '80

A clandestine clan. Kenneth L. Adelman. Intl Sec 5:152-171 Summer '80

"I'm sorry, Monsieur, but we cannot trust the U.S. government." CDR Edward P. Stafford, Ret. illus US Nav Inst Proc 106:104-106 Jul '80

CENTRAL TREATY ORGANIZATION

Soviet ambitions in South Asia. A. G. Noorani. Intl Sec 4:31-59 Winter '79/'80

The superpowers and the Northern Tier. Zalmay Khalilzad. Intl Sec 4:6-30 Winter '79/'80

CENTRIFUGES

Cardiovascular responses of man exposed to +Gz accelerations in a centrifuge. B. Vettes and others. illus tabs Aviation, Space & Envmt Med 51:375-378 Apr '80

CENTRIFUGES - Continued

Women to get centrifuge tests at SAM (School of Aviation Medicine). AF Times 41:20 Nov 17 '80

CEREMONIES, MILITARY see Military Ceremonies, Honors and SalutesCHAIN, John T., Jr

Rated levels may get worse. Interview. BrigGen John T. Chain, Jr. AF Times 40:10 Jan 28 '80

Spare parts getting higher priority. Interview. BrigGen John Chain. AF Times 41:4 Aug 25 '80

CHAMBERLAIN, Neville

The influence of Neville Chamberlain on foreign and defence policy, 1932-35. David J. Wrench. RUSI J for Def Studies 125:49-57 Mar '80

CHAPELS AND CHURCHES

Memorial windows: Camp Lejeune's stained glass masterpieces. LT Joseph R. Kerr. illus MarCor Gaz 64:45-48 Dec '80

Maintenance and Repair

Chaplain (Maj Don C. Shepanski) transforms old chapels into new. 2dLt David Sims. illus AF Times 41:37 Sep 29 '80

CHAPLAINSAir Force--U.S.

Air Force Chaplain Service. illus AF Mag 63:132 May '80

Chaplain inspections. TIG Brief 32:3 Apr 4 '80

The problem with priests. (USAF needs more chaplains who are Roman Catholic priests) Robert K. Ruhl. illus Airman 24:11-16 Dec '80

Armed Forces--U.S.

Chaplains tighten entry rules. AF Times 40:4 Feb 18 '80

Army--U.S.

Leapin' deacon & fat angel 6. SP5 Bill Branley. illus Soldiers 35:13-16 Oct '80

National Guard--Air Force--U.S.

The calling. TSgt Ed Martins. illus Air Reservist 32:16-17 Aug '80

CHAPMAN, Robert E.

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. por AF Compt 14:11 Jan '80

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. por AF Compt 14:34 Apr '80

CHARITIES

Aid Society helps 33,000 this year. Don Mace. AF Times 41:11 Dec 22 '80

Need for emergency financial aid has skyrocketed in all the Services. Deborah G. Meyer. tabs Armed Forces J Intl 118:14+ Sep '80

CFC (Combined Federal Campaign) rules--no arm-twisting. AF Times 40:4 Apr 28 '80

CHARTER AIR SERVICE see Airlines--Nonscheduled Operations

CHARTS

See also
Aeronautical Charts

CHASE, Harold W.

Guard & Reserve: Better ... but not good enough.
Harold W. Chase. por Defense/80, pp 12-17,
Nov '80

(Harold W.) Chase says draft won't help Reserve. AF
Times 41:8 Sep 8 '80

CHAYES, Antonia H.

Women in the military. (Presentation, Subcommittee
on Military Personnel, House Armed Services
Committee, Washington, Nov 14, 1979) Antonia
Handler Chayes. AF Plcy Ltr for Comdrs: Sup
No. 2:2-5 Feb '80

CHEMICAL-BIOLOGICAL WARFARE

See also
Defoliation

British preparations for offensive chemical warfare
1935-39. Paul Harris. tabs RUSI J for Def Studies
125:56-62 Jun '80

CB winds of change. John C. Burton III. illus Def &
For Aff 8, No. 7:12-15+ '80; Mil Rev 60:22-30
Dec '80

Chemical and biological warfare protection for the
XM1 tank. Mil Rev 60:82 Oct '80

Chemical and biological weapons. Khurshid Ahmad
Khan. illus tabs Islamic Def Rev 5, No. 3:33-38 '80

Chemical warfare: The dirty weapon. Betty Chapman.
illus tab Natl Def 64:33-37 Jun '80

Fighting the chemical fight. David Harvey. illus Def
& For Aff 8, No. 7:18-20 '80

Invisible, not invincible: Weakening the threat of
chemical warfare. Deborah M. Kyle. illus Armed
Forces J Intl 117:46+ Jul '80

The modern barbarians. L. Thomas Walsh. Armed
Forces J Intl 117:50+ Jul '80

NATO's chemical warfare defense: Improving but in-
adequate. Deborah M. Kyle. illus Armed Forces J
Intl 118:33 Nov '80

A national scandal? (Sverdlovsk affair) Editorial.
Walter F. Hahn. Strat Rev 8:9-10 Spring '80

The other gas crisis--chemical weapons. Charles H.
Bay. Parameters pt 1, 9:70-80 Sep '79; pt 2,
9:65-78 Dec '79

Situation report on chemical warfare. Maj C.J. David-
son, Ret. RUSI J for Def Studies 125:63-65 Jun '80

Suspicious Soviet chemical warfare activity prompts
Hill investigation. Deborah M. Kyle. Armed Forces
J Intl 117:39+ Aug '80

Threat: Chemical warfare. Maj Frank E. Babiasz.
tab USA Avn Dig 26:17-18 Jun '80

CHEMICAL-BIOLOGICAL WARFARE - Continued

An update on the other gas crisis: Chemical weapons.
Col Charles H. Bay. illus Parameters 10:27-35
Dec '80

Yellow cloud. (Survival in a chemical environment)
Maj Gary E. Shumaker. illus Soldiers 35:45-47
Dec '80

Safety Measures

CD man revisited. Col Richard Pilmer and MSgt
Christopher R. Yancey. illus TAC Attack 20:4-7
Jan '80

Chemical protective clothing. Capt Dee Dodson Mor-
ris. illus USA Avn Dig 26:34-35 Oct '80

NATO's chemical warfare defense: Improving but in-
adequate. Deborah M. Kyle. illus Armed Forces J
Intl 118:33 Nov '80

NBC (Nuclear, Biological and Chemical) equipment--
good and getting better. Capt Gardner M. Nason.
illus Soldiers 35:36-39 Jun '80

New medical kit for CB warfare to be distributed. AF
Times 41:14 Aug 18 '80

CHEMICAL RESEARCH

The Ranch Hand health effects study. (Presentation,
Subcommittee on Medical Facilities and Benefits,
House Veterans Affairs Committee, Washington,
Sep 16, 1980) LtGen Paul W. Myers. AF Plcy Ltr
for Comdrs: Sup, pp 37-39, Nov '80

CHEMICALS

AF bows to criticism, won't do (Herbicide) Orange
study. AF Times 40:26 May 26 '80

Demilitarizing chemical munitions--prototype system
offers safe disposal of Army chemical agents and
munitions. illus Army Log 12:14-16 Nov-Dec '80

Ex-Ranch Hand volunteers needed for 'Orange' study.
AF Times 41:40 Nov 3 '80

'Orange' firms say government failed to warn. AF
Times 40:45 Feb 18 '80

'Orange' memo upsetting. AF Times 40:13 Apr 14 '80

'Outside' scientists monitor Agent Orange study. AF
Times 41:9 Oct 6 '80

VA's Agent Orange dilemma. Ed Gates. AF Mag 63:
91 Aug '80

CHILD ABUSE

Child advocacy program. TIG Brief 32:17 Nov 28 '80

Clark's (AB, RP) 'halfway house' (for abused children
and spouses) praised by USAF aide. AF Times
41:16 Nov 17 '80

DOD wants civilians to handle abuse cases. Laurie
Parker. AF Times 41:2 Nov 10 '80

CHILDREN, MILITARY

See also
Education (Dependents)

Childhood immunization. illus Soldiers 35:54-55
Aug '80

CHILDREN, MILITARY - Continued

Children born overseas: What are their rights? What sounds simple is really complex. Randy Shoe-maker. illus AF Times 40:43 May 5 '80

Children required to have five immunizations. Len Famiglietti. AF Times 41:2 Dec 15 '80

Clark's (AB, RP) 'halfway house' (for abused children and spouses) praised by USAF aide. AF Times 41:16 Nov 17 '80

Hahn (AB, Ger), Cannon (AFB, NM) test 24-hour child care. Don Mace. AF Times 41:2 Aug 4 '80

Living and family patterns in the Air Force. Ch(MajGen) Richard Carr and others. illus AU Rev 31:75-86 Jan-Feb '80

Living overseas: Children of a 'third culture.' Karen McKay. illus AF Mag 41:35+ Aug 25 '80

Parenting. Maj Clifford H. Bernath. illus Soldiers 35:6-9 Aug '80

Reg (AF 35-59) covers problems of parents on moves. AF Times 40:10 Jun 16 '80

Rites of passage: Getting your first ID card. Joan Dettmann. illus AF Times 41:43 Sep 15 '80

Who will take care of the kids when the war starts? TIG Brief 31:10 Dec '21 '79

CHINA (PEOPLE'S REPUBLIC)See also

Vietnam (Socialist Republic)--Chinese Invasion, 1979

China rethinks the Soviet model. Marshall I. Goldman. Intl Sec 5:49-65 Fall '80

The "Chinese card" in NATO's deck. S.Guk. Soviet Mil Rev No.11:48-49 Nov '80

Chinese historiography--après Mao, le déluge. John J.Sbrega. AU Rev 32:108-114 Nov-Dec '80

Two Chinese roads to military modernization--and a U.S. dilemma. Thomas A.Marks. illus tab Strat Rev 8:18-28 Summer '80

Description and Travel

China visit. Barbara J.Mountrey. illus Soldiers 35: 15-18 Mar '80

Economic Conditions

China rethinks the Soviet model. Marshall I.Goldman. Intl Sec 5:49-65 Fall '80

China, Soviet strategy, and American policy. Robert L.Pfaltzgraff, Jr. Intl Sec 5:24-48 Fall '80

Foreign Policy

China after Mao: Objectives and relationships. Michael B. Yahuda. illus NATO's Fifteen Nations 25: 16-18+ Feb-Mar '80

Ideological indoctrination of Chinese servicemen. Col Yu.Petrov. Soviet Mil Rev No.1:45-47 Jan '80

Peking's undeclared wars. Yu.Lugovskoi. Soviet Mil Rev No.7:49-51 Jul '80

CHINA (PEOPLE'S REPUBLIC) - ContinuedForeign Relations

China after Mao: Objectives and relationships. Michael B. Yahuda. illus NATO's Fifteen Nations 25: 16-18+ Feb-Mar '80

Developments in East Asia. Brig F.W.Speed. Army Qtr 109:19-22 Jan '79

A strategic analysis of Northeast Asia and the Northwest Pacific. CAPT John F. Tarpey, Ret. illus maps US Nav Inst Proc 106:106-125 May '80

Asia

Peking's undeclared wars. Yu.Lugovskoi. Soviet Mil Rev No.7:49-51 Jul '80

Europe, Eastern

China's Balkan strategy. David A.Andelman. Intl Sec 4:60-79 Winter '79/'80

Russia

China rethinks the Soviet model. Marshall I.Goldman. Intl Sec 5:49-65 Fall '80

China, Soviet strategy, and American policy. Robert L.Pfaltzgraff, Jr. Intl Sec 5:24-48 Fall '80

China's Balkan strategy. David A.Andelman. Intl Sec 4:60-79 Winter '79/'80

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

Third World

USSR and Red China in the Third World. Richard F. Staar. illus map tabs NATO's Fifteen Nations 25: 81-82+ Jun-Jul '80

United States

China, Soviet strategy, and American policy. Robert L.Pfaltzgraff, Jr. Intl Sec 5:24-48 Fall '80

Vietnam (Socialist Republic)

Chinese conflict management. Maj Edward W.Ross. illus Mil Rev 60:13-25 Jan '80

CHINA (REPUBLIC)

China, Soviet strategy, and American policy. Robert L.Pfaltzgraff, Jr. Intl Sec 5:24-48 Fall '80

Taiwan goes it alone: A situation report on independent Taiwan at age thirty. Gen T.R.Milton, Ret. illus AF Mag 63:40-45 Jan '80

Two Chinese roads to military modernization--and a U.S. dilemma. Thomas A.Marks. illus tab Strat Rev 8:18-28 Summer '80

Foreign Policy

ROC strengthens its position in independence. Leigh Johnson. illus Def & For Aff 8, No.1:44-45 '80

Foreign Relations

ROC strengthens its position in independence. Leigh Johnson. illus Def & For Aff 8, No.1:44-45 '80

CHURCHES see Chapels and Churches

CIPHERS see Cryptography

CIRCADIAN RHYTHMS see Biological Rhythms

CIRCUITS AND CIRCUITRY

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

Alpha particle-induced soft errors in microelectronic devices. Capt D. John Redman and others. tabs illus Mil Elect/Countermeasures pt 1, 6:42-47 Mar '80; pt 2, 6:40+ Apr '80

The Army's view of VLSI. (Interview with Clare G. Thornton) Mil Elect/Countermeasures 6:79-80+ Sep '80

Defense electronics contractors jumping into IC manufacturing. Dick Walton. illus tabs Def Elect 12: 67-68+ Feb '80

Defense microelectronics. Regular feature in some issues of Defense Electronics

Design center (ICE Design Center, Scottsdale, AZ) to bring systems engineers up to speed. Anthony Wainwright. illus Def Elect 12:36-37 Aug '80

Getting up to speed with GaAs insulators: Scaling the R&D barriers. D. Howard Phillips. illus tab Mil Elect/Countermeasures 6:64+ May '80

Have electronic subcontractors become the "backbone of DOD?" Benjamin F. Schemmer. illus Armed Forces J Intl 117:54 Feb '80

High speed GaAs IC technology development for government applications. (Report on 1st Gallium Arsenide Integrated Circuit Symposium, Lake Tahoe, NY, Sep 1979) D. Howard Phillips. tabs Mil Elect/Countermeasures 5:66-68 Dec '79

How to determine fair market prices for integrated circuits. Howard K. Dicken. tabs Def Elect 12:79+ Jun '80

Intersil views CMOS as VHSIC gold. illus Mil Elect/Countermeasures 6:66-67 Apr '80

Mil IC directory. illus tabs Mil Elect/Countermeasures 6:37+ Feb '80

Military IC standardization: Bedrock or boondoggle? Jim Martin. illus tab Mil Elect/Countermeasures pt 1, 5:49+ Dec '79; pt 2, 6:41+ Jan '80

Military integrated circuit directory. 7th ed. tabs Mil Elect/Countermeasures 6:IC1-54 Aug '80

Military microcircuit activity. Regular feature in issues of Military Electronics/Countermeasures

Navy (Naval Ocean Systems Center's) Microelectronics Laboratory sparks IC advances. John D. Shea. illus Def Elect 12:71-72+ May '80

Picominaturized passive components: Integrated passive array chips on the horizon. George E. Avery. illus tab Mil Elect/Countermeasures 6:52-55 Mar '80

Pipelining innovation into VHSIC: The Phase III concept. Larry W. Sumney. illus Mil Elect/Countermeasures 6:50+ May '80

CIRCUITS AND CIRCUITRY - Continued

Revolutionizing the State-of-the-Art: What's happening in the world of buttons and wires. Deborah M. Kyle. illus Armed Forces J Intl 117:34-35 Jun '80

Semiconductor focus. Regular feature in issues of Defense Electronics

Sixteen bits of military power: Microprocessing with Intel's Military 8086 and 2116 dynamic RAM. illus tabs Mil Elect/Countermeasures 6:63-67 Jul '80

Technology transfer from the VHSIC program. Jerry Streb. Mil Elect/Countermeasures 6:100+ Feb '80

Unprecedented corporate commitment seen in VHSIC program. Murry Shohat. illus tabs Mil Elect/Countermeasures 6:26+ Apr '80

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No. 6:887-890 '80

VHSIC: Birth of a new approach. Murry Shohat. Mil Elect/Countermeasures 5:46+ Dec '79

The VHSIC program: An independent view. Henry W. Cooper. Def Elect 12:10 Aug '80

VHSIC's impact on industry. David H. Moore and William J. Towle. illus tabs Mil Elect/Countermeasures pt 1, 6:48+ Nov '80

VHSICs to impact next-generation radar warning receivers. Harry F. Eustace. illus Def Elect 12: 69-70+ Jan '80

VLSI's future in the VHSIC mirror--an imperfect image? George E. Avery. (Analysis of Carver Mead's points at an AIAA-sponsored conference, April 1980) Mil Elect/Countermeasures 6:50+ Jul '80; Challenges raised by VLSI technology. Carver Mead. 6:35-37 Aug '80; VHIC--the red image. Larry W. Sumney. 6:35-38 Aug '80

What's new in silicon valley? VHSIC program/recession may help semiconductor industry quicken delivery of state-of-the-art circuits to military contractors. Ronald C. Floyd. Armed Forces J Intl 117:36+ Jun '80

Testing

BIT (Built-In Testability) and ATE (Automatic Test) --central to military VLSI (Very Large Scale Integrated circuits). J. Matt Heines. illus tabs Mil Elect/Countermeasures pt 1, 6:25-30 Aug '80; pt 2, Making room for reliability. 6:68+ Sep '80

CITIES AND TOWNS

To withstand the firestorm. (Paul Vauthier's prophetic ideas) Philip D. Supina. illus US Nav Inst Proc 106:42-46 Nov '80

Japan

Incredible Tokyo. SSgt Jim Boersema. illus Soldiers 35:42-45 Feb '80

Russia

The city of Lenin remembers Lenin. T. Ankina. illus Soviet Mil Rev No. 4:6-9 Apr '80

"Here every stone remembers Lenin ..." (Moscow Red Square) G. Nikolayev and L. Glushkova. illus Soviet Mil Rev No. 1:30-33 Jan '80

CITIES AND TOWNS - ContinuedUnited States

Boston: A city on a hill. illus Soldiers 35:40-43 Jul '80

A city in pain. (Riots in Miami) illus Natl Guard 34: 8-11 Jul '80

The city that care forgot (New Orleans). Diane Sustendal. illus Sergeants 18:24-29 Apr '80

Contracting out: A city (Indianapolis) successfully manages a private sector water treatment operation. (Interview with Mayor William H. Hudnut III) illus Govt Exec 12:30+ Sep '80

Earthquake: Cal Medex '80--San Franciscans secure with earthquake relief exercise. illus Natl Guard 34:14-17 Jul '80

A Texas town (Crosbyton) goes solar--and succeeds. George E. Haddaway. illus Govt Exec 12:38-40 Nov '80

Torrance, Los Angeles and San Diego: Where cooperation, not confrontation, gives life to the city. Govt Exec 12:16-18+ Nov '80

CITIZENSHIP

Children born overseas: What are their rights? What sounds simple is really complex. Randy Shoemaker. illus AF Times 40:43 May 5 '80

CIVIC ACTION PROGRAMSee also

Defense Community Service Program

CIVIL AFFAIRS

The Civil Affairs folks. Col James R. Compton. illus Soldiers 35:40-41 Dec '80

First Army CA (Civil Affairs) Reservists find themselves 'doing real thing' at Fort Indiantown Gap (PA). illus Officer 56:12 Aug '80

Study and Teaching

Civil-military operations instruction. Col Philip D. Coleman. illus tab Mil Rev 60:13-18 Feb '80

CIVIL AIR PATROLUnited States

The Civil Air Patrol-Air Force partnership. BrigGen H. W. Miller. TIG Brief 32:2 Dec 12 '80

CIVIL DEFENSESee also

Evacuation, Civilian

Switzerland

Swiss military infrastructure. Konrad Alder. illus Armada Intl 4:28+ Jul-Aug '80

United StatesSee also

Defense Civil Preparedness Agency

CD (Civil Defense) policy codified by Hill. AF Times 41:8 Oct 6 '80

CIVIL DEFENSE - ContinuedUnited States - Cont'd

Nuclear shelter plans reported 12% complete. AF Times 41:14 Sep 15 '80

History

The history of the Ground Observer Corps. Maj William D. Hobbs. illus Aerosp Hist 27:178-179+ Sep '80

CIVIL ENGINEERING

Air Force engineering challenges for the 1980's. Joe F. Meis. illus Mil Engr 72:107-109 Mar-Apr '80

Air Force engineering in the 1980's. MajGen William D. Gilbert. illus charts Mil Engr 72:15-18 Jan-Feb '80

Air launched cruise missile construction program. Maj Gerald L. Robinson and others. illus AF Engrg & Svcs Qtr 21:28-30+ May '80

Decade of challenge ... the 1980s. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 21:3-6 Feb '80

Demonstrating professional capabilities. (Two major AF construction programs in the Far East) Capt Barry Kelly. illus AF Engrg & Svcs Qtr 21:33-36 May '80

Effective use of engineering design man-hours. TIG Brief 32:10 Jul 11 '80

Engineers--mobilized for peace and war. LtGen John W. Morris. illus tabs maps Mil Engr 72:4-8 Jan-Feb '80

The Gibraltar of America. (USAF Reservists help restore historic Fort Jefferson) Maj Donald E. Jefferson and Col S. Bruce Beattie. illus Airman 24:45-48 Apr '80

A horse of a unique color. (819th Civil Engineering Sq) Capt R. A. Torgerson and Maj K. A. Kolz. illus AF Engrg & Svcs Qtr 21:23-25 Aug '80

Israeli air base construction program. Capt Karsten H. Rothenberg. illus map AF Engrg & Svcs Qtr 21: 13-16 May '80

MCP (Military Construction Program) construction surveillance. TIG Brief 32:22 Aug 8 '80

M-X weapon system ... an essential element of strategic deterrence. LtCol Thomas L. Bozarth. illus AF Engrg & Svcs Qtr 21:3-6 May '80

The name of the game is customer service (at Travis AFB, CA). 2dLt Ralph W. Williams III. illus AF Engrg & Svcs Qtr 21:13-14 Feb '80

Operations and Maintenance (O&M) project programming. TIG Brief 32:10 Aug 29 '80

Project Touchdown: Lending a hand. Maj James I. Clark. illus AF Engrg & Svcs Qtr 21:10-12 May '80

The reimbursement. LtCol E. C. Olgeaty. illus AF Compt 14:12-14 Oct '80

Roots: Preserving our history. (Protection of Air Force historic properties) Joan Scott and Capt Stephen Hann. illus AF Engrg & Svcs Qtr 21:18-21 Nov '80

CIVIL ENGINEERING - Continued

- The Saudi Arabian construction program. LtCols Harry W. Glaze and Larry G. Garrison. illus tab map AF Engrg & Svcs Qtr 21:20-23 May '80
- Space shuttle update: Into the construction phase. LtCol Thomas L. Bozarth. illus AF Engrg & Svcs Qtr 21:8-9 May '80
- Subsurface engineering. Ralph B. Peck. illus tab Mil Engr 72:172-174 May-Jun '80
- Successful energy conservation demands community involvement. 1stLt John A. Burzynski. AF Engrg & Svcs Qtr 21:15-16 Feb '80
- Testing the Navy's professional and managerial skills. RADM Donald G. Iselin. illus chart Mil Engr 72:9-13 Jan-Feb '80
- To save a million dollars. H.R. Marien. illus AF Engrg & Svcs Qtr 21:22-25 Feb '80

Costs

- GAO: Engineering costs top estimates. John Ginovsky. AF Times 40:17 Mar 10 '80

Study and Teaching

- Practical engineering education at the Coast Guard Academy. Robert G. Boggs and LCDR Gregory H. Magee. illus Mil Engr 72:251-254 Jul-Aug '80

CIVIL RESERVE AIR FLEET

- CRAF--the other half. LtCol William L. Arent. illus tabs Airlift Ops Rev 2:8-13 Apr-Jun '80; Translog 11:5-9 Sep '80
- Civil-military air transportation for the future. LtCol George A. Pasquet. illus Airlift Ops Rev 2:19-22 Apr-Jun '80
- The Civil Reserve Air Fleet--national airlift asset. F. Clifton Berry, Jr. illus tab AF Mag 63:54-59 Feb '80
- Mobility forces. (Extracted from Air Force Report to 96th Congress) illus Airlift Ops Rev 2:9-10 Jul-Sep '80
- RAMPART: Route to Airlift Mobility through PARTnership. John F. Shea. illus tabs Def Trans J 36: 6-8+ Sep '80

CIVIL RIGHTS

- Federal employee picketing: Regulation of a privilege. Nicholas J. LoBurgio. AF Law Rev 21, No. 2: 330-363 '79
- A reanalysis of the Wallace movement. Ira M. Wasserman. tabs J Pol & Mil Sociol 7:243-256 Fall '79
- Ten years of British troops in Northern Ireland. J. Brian Garrett. tabs Intl Sec 4:80-104 Winter '79/'80

CIVIL SERVICESee alsoCivilian Employees

- Bill could cost Reservists \$\$\$. AF Times 41:37 Oct 6 '80
- Civil service reform: A chance to innovate; a mandate to improve. W. Graham Claytor, Jr. illus Defense/80, pp 14-18, Jun '80

CIVIL SERVICE REFORM ACT

- Civil service early outs getting close look by OPM. Don Mace. AF Times 40:10 Jun 23 '80
- Civil service reform: A chance to innovate; a mandate to improve. W. Graham Claytor, Jr. illus Defense/80, pp 14-18, Jun '80
- Civil Service Reform Act 'whistleblower' provisions. TIG Brief 32:11-12 Jan 25 '80
- Civil service reform: It's a matter of writing contracts among levels--then working them. Barbara Oganessoff. Govt Exec 12:29+ Dec '80
- Civil service reform: Who needs it? Harvey Shaynes. US Nav Inst Proc 106:90+ Sep '80
- Federal employee picketing: Regulation of a privilege. Nicholas J. LoBurgio. AF Law Rev 21, No. 2: 330-363 '79
- Federal sector grievance arbitration under the Civil Service Reform Act of 1978. Capt Carolyn R. Linsey. AF Law Rev 21, No. 2:376-389 '79
- Merit rating: New systems due Oct 1. AF Times 41:10 Sep 8 '80
- The scope of bargaining under the Civil Service Reform Act of 1978. Capt Ralph J. Capio. AF Law Rev 20, No. 4:493-500 '78
- Surveys to tap attitudes of civil service workers. AF Times 41:3 Dec 22 '80

CIVIL SUPREMACY OVER THE MILITARY see
Military-Civil RelationsCIVIL WAR--U.S.

- The Blue, the Gray and the Green. (Irish-American military units during the Civil War) Benjamin N. Brown. illus Army 30:34-35+ Mar '80
- (Col John) Pelham--the gallant artilleryman (of the Confederate Army). Col Robert M. Stegmaier, Ret. illus Fld Arty J 48:50-52 Mar-Apr '80
- Mary Walker: Only woman to win the Medal of Honor. Leonard Berlow. illus AF Times, Times Magazine sup:60-61 Sep 1 '80
- A master of cavalry--"Light Horse Harry" Lee. Capt John Weisz. illus Armor 89:36-38 Sep-Oct '80
- The other Mississippi. Mid Michael Moore. illus US Nav Inst Proc 106:54-57 Feb '80
- The professor (T. S. C. Lowe) and his lighter-than-air corps. Maj Robert M. Smith, Ret. illus Army 30:39-41 Aug '80
- Sabine Pass--another look. Capt John N. Davis. illus maps Air Def Mag, pp 19-22, Oct-Dec '80
- The savior of Shenandoah (Gen Philip Sheridan). Capt Patrick M. Howes. illus Armor 89:52-55 Jul-Aug '80
- Self-made man. (Dr Mary Walker, Civil War medic) illus Armed Forces J Intl 117:67 Apr '80
- U.S. military strategy has been given a bum rap. Col Trevor N. Dupuy, Ret. illus Army 30:16-21 Sep '80

CIVILIAN EMPLOYEESAir Force--U.S.

CCCMP (Comptroller Civilian Career Management Program) is moving right along. Carodean McDowell. illus AF Compt 14:10-11 Oct '80

Career enhancement for Air Force civilian logisticians. Mel Waldgeir. Log Spectrum 14:11-12 Spring '80

Civilian employee injury compensation claims. tab TIG Brief 31:11-12 Dec 21 '79

Comptroller civilian career enhancement program. Carodean McDowell. illus AF Compt 14:14-15+ Apr '80

506 civilians picked for Logistics (Executive) Cadre. AF Times 41:28 Oct 27 '80

It's the law--'Code of Ethics' on Federal walls. AF Times 41:8 Oct 20 '80

Labor-management relations at Tinker Air Force Base (OK): Fair and fundamental. MajGen Cecil E. Fox. illus Def Mgt J 16:52-55 First Quarter '80

Merit rating: New systems due Oct 1. AF Times 41:10 Sep 8 '80

The new performance appraisal systems. (Presentation, Subcommittee on Civil Service of the House Post Office and Civil Service Committee, Washington, May 15, 1980) J. Craig Cumbe. AF Plcy for Comdrs: Sup, pp 30-32, Sep '80

One woman's way. (Madeline Culvey of Tinker AFB, OK) Sgt Craig Pugh. illus Airman 24:42-44 Jan '80

Only 32 execs can win bonus pay. Don Mace. AF Times 41:2 Oct 20 '80

Performance appraisal program. TIG Brief 32:14 Nov 28 '80

Safety specialist versus safety manager. TIG Brief 32:19 Aug 8 '80

3000 fewer slots for civilians. AF Times 40:15 Feb 11 '80

Trails. (American Indians comprise 2.3 percent of the civilian work force at Tinker AFB, OK) Sgt Craig Pugh. illus Airman 24:21-26 Feb '80

Armed Forces--U.S.

Rossi decision: Rehearing urged on foreign hiring. Tom Philpott. AF Times 41:4 Nov 17 '80

Army--U.S.

Army readiness: A military and civilian job. Fredric Newman. illus Army 30:174-178 Oct '80

The Army's vanishing civilian work force. Thomas J. Gelli. tabs Def Mgt J 16:61-64 First Quarter '80

DA civilians--working for the total Army. SSgt Jim Boersema. illus Soldiers 35:33-36 Feb '80

Pay schedule for Army civilian employees, effective October 1, 1980. Table only. Soldiers 35:55 Nov '80

Toward cohesion, stability: A 'reciprocal commitment.' LtGen Robert G. Yerks. illus Army 30:98-101+ Oct '80

CIVILIAN EMPLOYEES - ContinuedDefense Dept--U.S.

Brown will review top DOD grade actions. Winston S. Wood. AF Times 41:15 Dec 1 '80

Continuation training for computer professionals. Linda B. Hollowell. illus Def Mgt J 16:32-35 Third Quarter '80

The full measure of resource costs. James M. Corey. illus tabs Def Mgt J 16:18-23 Third Quarter '80

Hiring nationals over Americans (at U.S. military installations in 14 countries) is ruled illegal. AF Times 41:4 Oct 6 '80

How can the cost analyst be improved as a more valuable resource? Clarence H. Goetsch. illus Armed Forces Compt 25:10-13 May '80

(Pentagon transition) team wants exemption from civilian freeze. Tom Philpott. AF Times 41:3 Dec 22 '80

Revival of the dead-end career. David A. Pyle. illus tabs Def Mgt J 16:58-62 Second Quarter '80

National Guard--Air Force--U.S.

The civilian cadre--National Guard technicians. Capt Joe T. Montoya. illus Air Def Mag, pp 23-25, Jan-Mar '80

National Guard--Army--U.S.

The civilian cadre--National Guard technicians. Capt Joe T. Montoya. illus Air Def Mag, pp 23-25, Jan-Mar '80

Reserve Forces--Air Force--U.S.

Reserve Chief (MajGen Richard Bodycombe) calls tech (Air Reserve Technician) program effective. AF Times 40:2 Jun 30 '80

Reserve Forces--Armed Forces--U.S.

Converting Reserve tech slots to civilian would hurt mission. AF Times 41:17 Oct 27 '80

Converting tech slots too costly, Hill told. AF Times 40:14 May 19 '80

Unionist attacks technician test. AF Times 40:10 Jul 21 '80

United States

Bagging the all volunteer force. R. James Woolsey. Armed Forces J Intl 117:17 Feb '80

Civil service reform: It's a matter of writing contracts among levels--then working them. Barbara Organesoff. Govt Exec 12:29+ Dec '80

Civilian personnel concerns. AF Plcy Ltr for Comdrs: Sup, pp 26-28, Aug '80

Federal employee picketing: Regulation of a privilege. Nicholas J. LoBurgio. AF Law Rev 21, No. 2: 330-363 '79

Federal sector grievance arbitration under the Civil Service Reform Act of 1978. Capt Carolyn R. Linsey. AF Law Rev 21, No. 2:376-389 '79

Group (President's Commission on Pension Policy) says people retiring too young. AF Times 41:6 Dec 1 '80

CIVILIAN EMPLOYEES - ContinuedUnited States - Cont'd

Presidential Management Internships. Steven M. Shaker. illus tabs Def Mgt J 16:49-51 First Quarter '80

Services contract mess: Who gets Uncle Sam's business. Lester A. Fettig. Govt Exec 12:57-58 Jun '80

Surveys to tap attitudes of civil service workers. AF Times 41:3 Dec 22 '80

Workers surveyed on sexual harassment. Don Mace. AF Times 40:2 Jun 16 '80

Salaries and Wages

AGMC (Aerospace Guidance and Metrology Center) goes EFT (Electronic Funds Transfer) for civilian payroll in DOD. Capt William R. T. Murray. illus AF Compt 14:19+ Apr '80

Controlling civilian payroll costs. William G. Arnold. illus AF Compt 14:20-23 Apr '80

Cutting (military and civilian) pay link could hurt future raises. AF Times 40:4 Jun 23 '80

11.7 percent pay hike still short of full catchup to private. Tom Philpott. AF Times 41:3 Aug 11 '80

15 percent pay jump seen in proposals. AF Times 41:1+ Dec 15 '80

GAO says pay raise formula for civilians lacks full data. AF Times 41:12 Oct 20 '80

Pay inadequacies, "delinkage" pose major 1980 budget issue. Deborah G. Meyer. Armed Forces J Intl 117:13-14+ Feb '80

Pay schedule for Army civilian employees, effective October 1, 1980. Table only. Soldiers 35:55 Nov '80

(Rep Patricia) Schroeder calls for 'skills audit.' AF Times 41:1+ Sep 8 '80

CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES see MedicareCLAIMSSee also

Court of Claims
Liability

Checks received from commercial carriers for lost or damaged government property. TIG Brief 32:11 Aug 8 '80

Construction claims--implications for the future. Paul D. Matthews and Irv Richter. illus Mil Engr 72:333-337 Sep-Oct '80

DOD wants reenlistees to know SGLI policy. AF Times 41:11 Aug 25 '80

Excavation damage prevention programs. Charles H. Batten and Barry M. Sweedler. tabs Mil Engr 72:328-332 Sep-Oct '80

Freight claims and dollars lost. TIG Brief 32:11-12 Mar 21 '80

Freight loss and damage claims. TIG Brief 32:10 Jun 27 '80

Malpractice claims up, costs down. AF Times 40:3 Mar 3 '80

CLAIMS - Continued

The Mount St Helens emergency. Col Terence J. Connell. illus Mil Engr 72:311-315 Sep-Oct '80

Property damage claims in favor of the United States. TIG Brief 32:14 Jan 11 '80

Senate vote near on property bill. AF Times 41:3 Aug 25 '80

CLARKE, Bruce C.

Morale and motivation. Gen Bruce C. Clarke, Ret. Officer 56:14 Sep '80

CLASSIFICATION see Personnel Classification; Security ClassificationCLAUSEWITZ, Karl von

Clausewitzian lessons for modern strategists. Thomas H. Etzold. AU Rev 31:24-28 May-Jun '80

Clausewitz's bicentennial birthday. Peter Paret. por AU Rev 31:17-20 May-Jun '80

Drucker, Clausewitz and us ... Col Evelyn P. Foote. Mil Rev 60:51-54 Jul '80

On War today? LtCol James L. Cole, Jr. AU Rev 31:20-23 May-Jun '80

CLAYTOR, W. Graham, Jr

Civil service reform: A chance to innovate; a mandate to improve. W. Graham Claytor, Jr. por Defense/80, pp 14-18, Jun '80

CLIMATE

The Environmental Symptoms Questionnaire: Revisions and new field data. James B. Sampson and John L. Kobrick. tabs Aviation, Space and Envmt Med 51:872-877 Sep '80

CLIMATIC RESEARCH

Fooling Mother Nature. (AFSC's McKinley Climatic Laboratory, Eglin AFB, FL, tests military hardware and people) Sgt Craig Pugh. illus Airman 24:31-33 Jun '80

CLOSE, Winton R.

South Atlantic express. MajGen Winton R. Close, Ret. por Aerosp Hist 27:146-150 Sep '80

CLOSE AIR SUPPORT

Above all else ... a tank killer. SMSgt Gerald H. Smith. illus Air Reservist 32:12-14 Dec '79-Jan '80

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Oct-Nov '80

Blue Four at the fore. (USAFE exercise trains junior officers to plan close air support missions) Capt Katie Cutler. illus Airman 24:20-23 Aug '80

Close air support in modern warfare. WgComdr Jeremy G. Saye. illus tab AU Rev 31:2-21 Jan-Feb '80

Close support aircraft for the Third World. Roy Braybrook. illus Aerosp Intl 16:13-14+ Sep-Oct '80

Dangerous midnight--delay, confusion on road to a night tank killer. David Harvey. illus Def & For Aff 8:12-15+ Nov '80

CLOSE AIR SUPPORT - Continued

A dispersal concept for future V/STOL aircraft in RAF Germany. WgComdr J.S.Jones. Hawk No.40: 39-45 Feb '80

The emperor's close air support. GpCapt Ian Madelin. illus AU Rev 31:82-86 Nov-Dec '79; Comment. MajGen John E.Ralph. 31:95-96; Comment. LtCol Robert B.Savage, Jr. 31:96-100; Comment. Maj Patrick J.Finneran, Jr. 31:100-103; Comment. Maj Lawrence G.Kelley. 31:103-104; Response. GpCapt Ian Madelin. 31:104-105 May-Jun '80; Comment. Maj Michael O.Beck. 31:97-101 Sep-Oct '80

Spiderweb: Close air support geographic reference system. Maj F.G.Wickersham III. illus MarCor Gaz 64:69 May '80

TASVAL. (Joint Army-Air Force-Marine Corps test of tactical air power) LtCol Lowell G. La Rue. illus Air Def Mag, pp 26-29, Jan-Mar '80

Tactical air doctrine and AAF close air support in the European theater, 1944-1945. William A. Jacobs. illus tab Aerosp Hist 27:35-49 Mar '80

Tactical air power within NATO--a growing convergence of views. Maj Donald J.Alberts. AU Rev 31: 59-70; Responses. Maj Price T.Bingham and LtCol Owen H.Wormser. 31:70-73 Mar-Apr '80

Tests, a means to train and learn. Maj Kenneth R. McGinty and Capt Roth S.Schleck, Jr. illus USA Avn Dig 26:10-13 Jun '80

Tomorrow's war today. BrigGen Jerry Max Bunyard. illus AF Mag 63:64-67 Oct '80

A users guide to close air support. Capt Charles E. Wright. illus tab Armor 89:49-51 Jul-Aug '80

"The Warthog." Ron Sherman and others. illus tabs NATO's Fifteen Nations 25:69-70+ Jun-Jul '80

What is close air support? GpCapt Ian Madelin. (Reprinted from Air University Review, Nov-Dec 1979) illus Armor 89:16-21 Jul-Aug '80

History

The development of Soviet aviation support. James H. Hansen. illus tabs map Intl Def Rev 13, No.5: 681-685 '80

CLOTHINGSee also

Clothing, Protective
Personal Equipment
Uniforms

Functional organizational clothing and footwear items. TIG Brief 32:8 Feb 8 '80

Services again studying credit system for clothing. AF Times 41:3 Oct 6 '80

CLOTHING, PROTECTIVESee also

Helmets
Pressure Suits

CD man revisited. Col Richard Pilmer and MSgt Christopher R.Yancey. illus TAC Attack 20:4-7 Jan '80

CLOTHING, PROTECTIVE - Continued

Chemical protective clothing. Capt Dee Dodson Morris. illus USA Avn Dig 26:34-35 Oct '80

NBC (Nuclear, Biological and Chemical) equipment--good and getting better. Capt Gardner M.Nason. illus Soldiers 35:36-39 Jun '80

Nomex vs nylon flying jackets. Maj William Harrison. illus Aerosp Safety 36:24-25 Jul '80

The thermal properties of a survival bag incorporating metallised plastic sheeting. I.M.Light and J.N.Norman. tabs Aviation, Space & Envmt Med 51:367-370 Apr '80

The thermal protection offered by lightweight survival systems. I.M.Light and others. tabs Aviation, Space & Envmt Med 51:1100-1103 Oct '80

CLOTHING ALLOWANCES

Clothing policies and procedures. TIG Brief 32:9 Jun 13 '80

Male, female clothing rises in value for FY '81. tabs AF Times 41:4 Nov 10 '80

Uniform clothing maintenance allowances for enlisted members. TIG Brief 32:9 Apr 18 '80

CLOUDS

What's the weather? 1stLt Lorraine Yashinski. illus Combat Crew 30:12-14 Nov '80

CLUBSSee also

Aero Clubs
Officers Clubs
Servicemen's Clubs

Selling motorcycle safety. TIG Brief 32:14 Jul 25 '80

Slot machines delayed 'til Spring. AF Times 41:14 Nov 24 '80

COAST GUARDNorway

Norway: Maritime aviation booming. Knut Løvstuaugen. illus Interavia 35:150-151 Feb '80

Norway's new armed coastguard vessels. Derek Wood. illus tab Intl Def Rev 13, No.8:1213-1215 '80

United States

Anatomy of a rig; genesis of an industry. Robert L. Scheina. Sea Power 23:23 Aug '80

Anatomy of two collisions. CAPT Ed Gilbert. illus map US Nav Inst Proc 106:132-136 Oct '80

The 'can-do' Coast Guard: Running out of resources. Vincent C.Thomas, Jr. illus Sea Power 23:20-22 Mar '80

The Coast Guard and the southeastern frontier. CAPT A.R.Larzelere. illus tabs map US Nav Inst Proc 106:140-153 May '80

Coast Guard continuing to get higher PCS \$\$\$. AF Times 41:10 Oct 20 '80

COAST GUARD - ContinuedUnited States - Cont'd

Coast Guard engineering--the next decade. RADM Donald C. Thompson. illus chart Mil Engr 72:19-23 Jan-Feb '80

The Coast Guard in the eighties. CAPT Robert G. Moore. illus US Nav Inst Proc 106:36-53 Oct '80

Coast Guard: The shore and more. illus Defense/80, pp 14-16, Apr '80

The Coast Guard's red fleet. LT Jeffrey M. Garrett. US Nav Inst Proc 106:101-103 Dec '80

The Cuban exodus of 1980. Robert L. Scheina. illus US Nav Inst Proc 106:44-51 Oct '80

"The desperate straits we're in." ADM John B. Hayes. illus US Nav Inst Proc 106:18-20+ Oct '80

Emergency medicine: Now or never. CWO Dale Puckett. illus US Nav Inst Proc 106:130-131 Oct '80

Fish stories. ENS Christopher A. Abel. illus map US Nav Inst Proc 106:61-65 Dec '80

Increasing the (Coast Guard) Auxiliary's SAR role. illus tab US Nav Inst Proc 106:146-147 Oct '80

The lifesavers. LCDR John F. Ebersole. illus US Nav Inst Proc 106:127-130 Oct '80

A marriage of convenience: Marine safety and computers. LT William J. Barker. illus map US Nav Inst Proc 106:125-127 Oct '80

A model for small navies. LtCol Lim Kwong Hoon. US Nav Inst Proc 106:136-137 Oct '80

The naval employment of the Coast Guard 270-Medium Endurance Cutter. LCDR Edmund I. Kiley. tabs Nav War Col Rev 33:13-22 Jul-Aug '80

No more guesswork. CW2 Dale L. Puckett. illus US Nav Inst Proc 106:66-73 Oct '80

Operations or regulations? Andrew G. Webb. illus US Nav Inst Proc 106:52-57 Oct '80

Our inland merchant marine and the Western Rivers. RADM Norman C. Venzke. illus tab 106:119-123 Oct '80

Renewing the physical plant (of the Coast Guard). RADM Donald C. Thompson. illus tabs US Nav Inst Proc 106:79-86 Oct '80

Standing into danger. LCDR John F. Ebersole. illus US Nav Inst Proc 106:58-65 Oct '80

Technology, ASW, and the Coast Guard. LCDR Bruce B. Stubbs and LT Richard R. Kelly. illus US Nav Inst Proc 106:29-35 Oct '80

Torpedoing the Coast Guard's good-guy image. LCDR Michael R. Adams. illus US Nav Inst Proc 106:137-139 Oct '80

(U.S. Coast Guard) Interview. ADM John B. Hayes. tabs illus Mil Elect/Countermeasures 6:14+ Jan '80

The U.S. Coast Guard today--grace under pressure. Merle Macbain. illus Sea Power 23:21-22+ Aug '80

Worn out in service. LCDR Michael R. Adams. illus US Nav Inst Proc 106:74-78 Oct '80

COAST GUARD - ContinuedUnited States - Cont'd

Wreckage of nations that forgot the sea litters history. ADM Hayes says (at ROA's Mid-Winter meeting). ADM John B. Hayes. illus Officer 56:11 Apr '80

COAST GUARD ACADEMY, NEW LONDON, CT

Practical engineering education at the Coast Guard Academy. Robert G. Boggs and LCDR Gregory H. Magee. illus Mil Engr 72:251-254 Jul-Aug '80

COASTS

The next twenty years of naval mobility. Thomas A. Clingan, Jr. illus US Nav Inst Proc 106:82-93 May '80

United States

Offshore technology. Regular feature in issues of Military Engineer

COCHRAN, Jacqueline

Jacqueline Cochran--1907-1980. por AF Mag 63:31 Sep '80

COCKPITS see Airplanes--Cockpits; Airplanes, Military--Cockpits

CODE OF CONDUCT see Prisoners of War--Code of Conduct

CODES see Cryptography

COEXISTENCE see International Relations

COLD

The thermal protection offered by lightweight survival systems. I.M. Light and others. tabs Aviation, Space & Envmt Med 51:1100-1103 Oct '80

Physiological Effects

Accidental hypothermia: The effect of initial body temperatures and physique on the rate of rewarming. J.B. Morrison and others. tabs Aviation, Space & Envmt Med 51:1095-1099 Oct '80

Circadian rhythms of performance among workers in the Arctic. Leslie Buck. tab Aviation, Space & Envmt Med 51:805-808 Aug '80

Cold: Friend or foe. (Marines in Norway) RADM Ben Eiseman, Ret and LtCol Carl F. Tidemann. illus tabs MarCor Gaz 64:39-44 Feb '80

Cold: Hazardous to your health. SP5 Bill Branley. illus Soldiers 35:44-47 Oct '80

Effect of alcohol ingestion on man's thermoregulatory responses during cold water immersion. T. Graham and K. Baulk. tabs Aviation, Space & Envmt Med 51:155-159 Feb '80

Effect of alcohol on man's response to mild physical activity in a cold environment. T. Graham and J. Dalton. tabs Aviation, Space & Envmt Med 51:793-796 Aug '80

Fluid-electrolyte shifts and thermoregulation: Rest and work in heat with head cooling. J.E. Greenleaf and others. illus tabs Aviation, Space & Envmt Med 51:747-753 Aug '80

Hypothermia ... cold weather killer. LtCol George J. Bifulchi. illus Aerosp Safety 36:10-11 Feb '80

COLD - ContinuedPhysiological Effects - Cont'd

Initial treatment of profound accidental hypothermia. R.M.Harnett and others. tabs Aviation, Space & Envmt Med 51:680-687 Jul '80

Physiological effects of cold air inhalation during exercise. G.Harley Hartung and others. illus tabs Aviation, Space & Envmt Med 51:591-594 Jun '80

Survival: Thinking cool. MSgt Donald R. McLaughlin. illus Aerosp Safety 36:16-19 Dec '80

COLD WAR

Historic example of cooperation (on occasion of the 35th anniversary of the Yalta Conference). N.Glagolev. Soviet Mil Rev No.1:36-38 Jan '80

COLD WEATHER OPERATIONSSee also

Ski Troops

Beating the Russians in snow: The Finns and the Russians, 1940. Allen F.Chew. illus maps Mil Rev 60:38-47 Jun '80

Cold: Friend or foe. (Marines in Norway) RADM Ben Eiseman, Ret and LtCol Carl F.Tidemann. illus tabs MarCor Gaz 64:39-44 Feb '80

Cold weather operations. illus Infantry pt 1, 70:27-29 Sep-Oct '80; pt 2, 70:27-30 Nov-Dec '80

Cooperation means mission accomplishment. illus Def Trans J 36:4-7+ Feb '80

Deep Freeze 1980: Diary of an icebreaker. LT Christopher L.Lee. illus US Nav Inst Proc 106:140-143 Oct '80

Dress rehearsal in winter garb. illus Translog 11: 6-8 Jan '80

Empire Glacier '80. illus Air Reservist 32:6-7 Apr '80

Exercise Anorak Express. illus NATO's Fifteen Nations 25:86-87 Apr-May '80

Hypothermia ... cold weather killer. LtCol George J.Bifolchi. illus Aerosp Safety 36:10-11 Feb '80

Ice, snow & 10 below. illus Aerosp Safety 36:2-3 Nov '80

Jack Frost '79. Capt Patrick M.Coullahan and CMSgt Robert B.Wertman. illus AF Engrg & Svcs Qtr 21:6-8 Aug '80

The Marine Corps' future may lie north of the Arctic Circle. Frank Uhlig, Jr. illus MarCor Gaz 64: 32-38 Feb '80; Commentary. 2dLt M.F.Wangler. 64:16-17 Jul '80

(Marine) Corps plans for cold weather training. MarCor Gaz 64:6 Jul '80

Marines are testing new emergency assault food packet (for) cold weather environments. illus MarCor Gaz 64:4 Mar '80

Now is the time for a Marine Corps cold-weather brigade. Maj S.E.Haynes. MarCor Gaz 64:19-20 Feb '80

South for the winter. Capt James P.Coe. illus MAC Flyer 27:8-11 Mar '80

COLD WEATHER OPERATIONS - Continued

Soviet norms for driving tanks in winter. LtCol William P.Baxter, Ret. illus tabs Mil Rev 60:2-8 Sep '80

Survival: Thinking cool. MSgt Donald R. McLaughlin. illus Aerosp Safety 36:16-19 Dec '80

Whiteout: A rotary-wing winter menace. LtCol Robert L.Gardner. illus Aerosp Safety 36:8-11 Jan '80

Winter flying hazards. Capt James C.St John. illus Combat Crew 30:2-3 Nov '80

Winter storm damage. TIG Brief 32:19 Oct 17 '80

COLLECTORS AND COLLECTING

'To the victor belong the spoils?' LtCol Thomas M. Johnson. illus Army 30:42-45 Jul '80

COLLINS, Arthur S., Jr

Defence forces for the Muslim World. LtGen Arthur S.Collins, Jr, Ret. por Islamic Def Rev 5, No.3:3-6 '80

COLLINS, George W.

A world of escalating interdependencies. George W. Collins. AU Rev 31:102-108 Sep-Oct '80

COLOMBIA

Continental interdependence, energy, and integration in the Americas. Alejandro Orfila. AEI For Plcy & Def Rev 1, No.6:15-21 '79

Strategic Importance

Trouble in the northern cone--Colombia in the 1980s: Its prospects for stability. John Sanders. map Def & For Aff 8:36-37 Aug '80

COLOR

Shades of gray. (Photochromic glasses) MAC Flyer 27:23 Mar '80

COMBAT

Carter: Women won't serve in combat. AF Times 40:6 Feb 25 '80

Fear in combat. Mid Michael F.Belcher. illus MarCor Gaz 64:49-53 Sep '80

Luke (AFB, AZ), Williams (AFB, AZ) staging dog fights by computer. AF Times 40:29 Jan 14 '80

Navy women in combat: Who needs them? LuAnne K. Levens and Deborah G.Meyer. illus tab Armed Forces J Intl 117:26+ Apr '80

1981 combat competition (Peacekeeper Challenge) to replace SPs' shootout. AF Times 41:12 Aug 4 '80

Risk: The commander's decision. LtCol Igor D.Gerhardt. illus Mil Rev 60:14-17 Aug '80

Some lessons from the Israelis. Maj William C.Fite. illus MarCor Gaz 64:32-38 Sep '80

Women and the combat exemption. Judith H.Stiehm. illus Parameters 10:51-59 Jun '80; Commentary and reply. 10:92-94 Sep '80

Women in combat? Two views. Majs Doris H.Kessler and Richard A.Gabriel. illus Army 30:44-45+ Mar '80

COMBAT - Continued

Working together: The Army's assault on sexism.
SGM Bruce N. Bant. illus Soldiers 35:6-9 Oct '80

Study and Teaching

Better training for higher performance. illus Asian
Def J No. 2:46-48 Mar-Apr '80

Counter command and control in conceptual perspective. LtCol John E. Rothrock, Jr. AU Rev 31:94-101 Jan-Feb '80

The effects of simulated Infantry combat training on motivation and satisfaction. Paul R. Bleda and Robert H. Sulzen. tabs Armed Forces & Soc 6:202-214 Winter '80

Flight simulation in air-combat training. Col Richard C. Needham and others. illus tabs Def Mgt J 16:18-23 Fourth Quarter '80

Hohenfels holiday. Capt Gardner M. Nason. illus Soldiers 35:13-16 Nov '80

Quick or dead? MILES (Multiple Integrated Laser Engagement System) tells which one you'll be. MSgt Matt Glasgow. illus Soldiers 35:11-12 Jul '80

Raising technical training level. (Turkistan Military District) Col-Gen Yu. Maximov and others. illus Soviet Mil Rev No. 1:10-15+ Jan '80

Tactical training for ground combat forces. Thomas D. Scott. Armed Forces & Soc 6:215-231 Winter '80

'You fight like you train.' Mark E. Berent. illus AF Mag 63:44-49 Dec '80

COMBAT CONTROL CENTERS

This term is used to include organizations whose missions are like: Tactical Air Control Centers, Tactical Control Centers, Combat Operations Centers, Combat Information Centers.

Navy

The "eyes" of the CIC (Combat Information Center)--CONRAC's display model 60812. George deLucenay Leon. illus Signal 34:107-109 May-Jun '80

COMBAT CONTROL TEAMS

New MAC school offers training in combat control. AF Times 40:25 May 12 '80

COMBAT EVALUATION

See also subdivision under specific subjects, e.g.,

Airplanes, Fighter--Combat Evaluation
Helicopters, Military--Combat Evaluation
Weapon Systems--Combat Evaluation

COMBAT INFORMATION see Intelligence, Military

COMBAT READINESS

See also

Operational Readiness

ANG plays important role in combat capability. (Testimony before House Appropriations Committee)
LtGen LaVern E. Weber. AF Times 40:16 Jul 7 '80

The AVF--making it work. Maj David Evans. illus US Nav Inst Proc 106:47-53 Dec '80

Air Force maintenance--issues and challenges for the eighties. Maj Gene E. Townsend. illus AF Mag 63:56-61 Jan '80

COMBAT READINESS - Continued

Alienation, anomie, and combat effectiveness. Maj Daniel W. Jacobowitz. illus AU Rev 31:21-34 Sep-Oct '80

Attitudes of U.S. Army paratroopers toward participation in the quelling of civil disturbances. William C. Cockerham and Lawrence E. Cohen. tabs J Pol & Mil Sociol 7:257-269 Fall '79

Autumn Forge 80: NATO's readiness gameplan. Deborah M. Kyle. illus Armed Forces J Intl 118:30+ Nov '80

Bold Eagle '80. SMSgt Gerald H. Smith. illus tab Air Reservist 32:16-17 Dec '79-Jan '80

CIOR's Canadian challenge. illus Air Reservist 33:6 Nov '80

The changeover to 'go to war' management. Gen Robert M. Shoemaker. illus Army 30:28-32 Oct '80

Close Look II. Capt James P. Coe. illus MAC Flyer 27:20-23 Jun '80

The credibility of fighter squadron supervisors. Capt John L. Barry. illus tabs AU Rev 31:35-44 Sep-Oct '80

Cutting behind the cutting edge. illus Def & For Aff 8, No. 2:42-43 '80

Deterrence and disuse: Some thoughts on the problem of maintaining volunteer forces. Jonathan Alford. Armed Forces & Soc 6:247-256 Winter '80

Eligible Receiver II. illus Soldiers 35:6-10 Apr '80

Eligible Receiver II. SP4 Lee Roy Dewitt. illus Armor 89:36-39 Mar-Apr '80

Exercising the division data center. Maj Waldo W. Montgomery, Jr. illus Army Log 12:20-23 May-Jun '80

First-class Army... 4th class living conditions. Interview. LtGen Julius W. Becton, Jr. illus Army 30:22-26 Nov '80

Fuel costs pinch muscle. Interview. LtGen Hans H. Driessnack. AF Times 40:4 Feb 25 '80

(Gen) Slay: Fighter needs in a crunch. Len Famiglietti. AF Times 40:44 Jun 16 '80

HSC (Health Services Command): Readiness demands healthy soldiers. MajGen Raymond H. Bishop, Jr. illus Army 30:184-187 Oct '80

High rolling in Vegas (in Exercise Red Flag). Gerald H. Smith. illus Air Reservist 32:8-9 Dec '79-Jan '80

Inspections and combat readiness reporting. TIC Brief 32:3 May 2 '80

Laird: Only six percent of U.S. forces 'ready now'--but there's also a six percent solution. James D. Hessman. Sea Power 23:39-40+ Oct '80

"Lots of blue ink on the readiness charts." Gen Frederick J. Kroesen. illus Army 30:64-69 Oct '80

Luftwaffe planning for the 1990s. C. Regulus. illus Intl Def Rev 13, No. 4:491-494 '80

MOBDES (MOBilization DESignation): Talent in Reserve. SSgt Jim Boersema. illus Soldiers 35:42-45 Jan '80

COMBAT READINESS - Continued

- Medical Red Flag. illus Air Reservist 32:10-11 Feb '80
- Medical Red Flag. TSgt Steve Stibbens. illus Air Reservist 33:8-9 Nov '80
- The National Training Center (Fort Irwin, CA): The next thing to the ultimate realism. Col James B. Agnew. map illus Army 30:30-36 Feb '80
- Next Medical (Red) 'Flag' slated for Travis (AFB, CA). AF Times 40:6 Jan 28 '80
- Not a change in mission, but a change in intensity. Gen John R. Guthrie. illus Army 30:54-58 Oct '80
- On the edge of the Mohave. (Air National Guard units in Exercise Red Flag) illus Natl Guard 34:14-16 Aug '80
- POMCUS (Pre-positioned Materiel Configured to Unit Sets): Equipment for readiness in Europe. Mark Swearingen. illus Army Log 12:20-23 Jan-Feb '80
- Paid Ice Storm ... a personal briefing. BrigGen Billy M. Knowles. illus Air Reservist 32:16-17 Feb '80
- Preparing the team for the Super Bowl. Col Gary R. Tompkins. illus Aerosp Safety 36: inside front cover Jun '80
- A question of quality: Why the pieces don't fit. John J. Fialka. illus Army 30:29-32 Jun '80
- Rapid deployment force gets test (in Exercise Dragon Team). Lee Ewing. AF Times 41:14 Jul 28 '80
- Readiness and strategic mobility. LtGen Arthur J. Gregg. illus Mil Engr 72:410-412 Nov-Dec '80
- Ready for what? LCDR Bernard D. Cole. illus US Nav Inst Proc 106:38-40 Jun '80
- Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 3:2-35 Mar '80
- Reserve operation (Paid Redoubt) checks readiness planning. AF Times 41:14 Jul 28 '80
- Reserve readiness training. LtCol Herbert B. Quinn, Jr. illus Army Log 12:28-31 Mar-Apr '80
- Rifleman training systems--preparing the infantryman to fight. Edward C. Ezell. illus tabs Intl Def Rev 13, No. 5:707-711 '80
- Sen Gary Hart is high on Harrier. (From address, National War College, June 30, 1980) MarCor Gaz 64:10 Aug '80
- A somber picture of U.S. readiness--but a bright picture of the caliber of military personnel. MajGen Alfred Gray, Jr. Officer 56:11 Apr '80
- Soviet doctrine responds to antitank missile threat. LtCol William P. Baxter, Ret. illus Army 30:29-32 Aug '80
- Tactical Air Command 1980. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen Robert C. Mathis. AF Plcy Ltr for Comdrs: Sup No. 2:31-37 Feb '80

COMBAT READINESS - Continued

- Theater subnetwork: 'Vital, complex link.' LtCol Cassius J. Mullen. illus Army 30:28+ Apr '80
- \$35 billion more a year suggested. Don Mace. AF Times 41:3 Nov 24 '80
- Train to fight. (Army aviators in Europe train extensively in the area where a future war may have to be fought) LtCols Eugene H. Grayson, Jr and Glenn R. Allen. maps USA Avn Dig 26:44-47 Mar '80
- Training and personnel systems technology: A boost to readiness. CDR Paul R. Chatelier. illus Def Mgt J 16:2-5 Second Quarter '80
- USAFE is ready but ... (Testimony before Special Subcommittee on NATO Standardization, Interoperability and Readiness, House Armed Services Committee) Gen John W. Pauly. AF Times 40: 32-33 Feb 4 '80
- Unit training management: An approach to a dilemma. LtCol James R. Whitley. illus tabs Mil Rev 60:53-58 Aug '80
- Working on the symptoms--not the disease: Improving training evaluation. LtCol Michael T. Plummer. illus tab Mil Rev 60:48-56 Mar '80

Study and Teaching

- Ten missions ahead: At Red Flag, MAC crews get shot down and live to learn from it. 1stLt Ben Rich. illus MAC Flyer 27:4-5 Oct '80

COMBAT SUPPORT OF THE ARMY

- The armoured M109 ammunition delivery system. illus (Also cutaway) tab Intl Def Rev 13, No. 2: 241-242 '80
- Attack helicopter support of the division. Capt Terry R. Council. illus Air Def Mag, pp 16-18, Oct-Dec '80
- Combat service support terrain walks. LtCol Donald E. S. Merritt. illus tabs Mil Rev 60:31-37 Jun '80
- Field artillery support. Col John E. Donohue. illus Air Def Mag, pp 19-22, Jul-Sep '80
- 'Lifeflood' of full combat power. MajGen Clay T. Buckingham. illus Army 30:20-22+ Apr '80
- MOUT (Military Operations on Urban Terrain) training--a combat service support need. Maj Bloomer D. Sullivan. illus Mil Rev 60:9-15 Sep '80
- MPs: They struggle with 'ghosts.' Col Russell E. Parmenter. illus Army 30:36-39 Jan '80
- Supplying Europe with repair parts. LtCol James K. Hitch. illus Army Log 12:24-26 May-Jun '80
- Tactics of desperation: Rear area protection fits that description. Capt Bruce P. Schoch. illus Army Log 12:16-19 May-Jun '80
- Theater subnetwork: 'Vital, complex link.' LtCol Cassius J. Mullen. illus Army 30:28+ Apr '80

COMBAT SURVEILLANCE see SurveillanceCOMBINED FORCES

- This term applies to the forces among two or more allied countries. For information on forces of one country only see Joint Forces.

COMBINED FORCES - Continued

See also
 North American Air Defense Command

Korea: The mission. SSgt Jim Boersema. illus Soldiers 35:38-40 Aug '80

Our military partnership with Japan. LtGen William H. Ginn, Jr. illus Defense/80, pp 18-20, Nov '80

COMBINED OPERATIONS

This term applies to operations among two or more allied countries. For operations of one country only see Joint Operations.

See also specific exercises and/or operations by name

Autumn Forge 80: NATO's readiness gameplan. Deborah M. Kyle. illus Armed Forces J Intl 118:30+ Nov '80

Combined amphibious operations in northern Europe. LtCol Joseph H. Alexander. illus US Nav Inst Proc 106:26-32 Nov '80

Cope North. (Hawaii Air Guard and Japan Air Self Defense Force train together) 1stLt Drew M. Hurley. illus Air Reservist 32:23-24 Sep-Oct '80

Coronet Bridle: Duluth's 148th Tactical Recon Group deploys to Germany. TSgt Dick Palmer. illus Natl Guard 34:14-16 Apr '80

Exercise Display Determination '79. LtCol J.J.W. Hilgers. illus MarCor Gaz 64:64-73 May '80; Another view. Capt Andrew J. Franklin. 64:16-17 Aug '80

Exercise report: Autumn Forge. illus NATO's Fifteen Nations 24:62-64+ Oct-Nov '79

Rescue and recovery units compete in SAREX '80. illus AF Mag 63:30 Aug '80

'Swing the lamp.' (British and American troops in exercises between USAF Security Police and the Territorial Army) Capt Katie Cutler. illus Airman 24:2-6 Sep '80

Tackling tactics together. (Pilots from central European nations learn to work together at the Tactical Leadership Program, Jever AB, Ger) Capt Katie Cutler. illus Airman 24:43-48 Dec '80

'That others may live.' Jeryl L. Mariatt. illus Air Reservist 32:9 Jul '80

The Warsaw Pact--military exercises and military interventions. Christopher Jones. tabs Armed Forces & Soc 7:5-30 Fall '80

COMMAND

See also
 Leadership

Are you an AC or just a pilot? illus MAC Flyer 27: 22-24 Jan '80

The aviation commander--new challenges during the 1980s. LtCols E.H. Grayson, Jr and J.W. Lloyd. illus USA Avn Dig 26:6-9 Nov '80

Bolstering the backbone. LtCol Thomas B. Vaughn. illus Infantry 70:25-26 May-Jun '80

COMMAND - Continued

Command and control in the Soviet ground forces. Col Erich Sobik. illus NATO's Fifteen Nations 24: 96-98+ Oct-Nov '79

The commander and the staff. Col P. Simchenkov. Soviet Mil Rev No. 6:17-19 Jun '80

Individual replacements: There must be a better way. Capts Edward R. Maher and Peter F. Kindsvatter. illus Army 30:37-40 May '80

Initiative in battle. Col I. Tikhankov. Soviet Mil Rev No. 6:20-21 Jun '80

JAG Reed: Too much scrutiny hurts. Interview. MajGen Walter D. Reed. AF Times 41:8 Sep 1 '80

Nav commanders slowly increasing. AF Times 40:20 Mar 24 '80

Obedience, the unpopular military virtue. MajGen Richard C. Schulze. illus MarCor Gaz 64:49-52 Jun '80

Risk: The commander's decision. LtCol Igor D. Gerhard. illus Mil Rev 60:14-17 Aug '80

The 'scientific' Soviet commander. LtCol William P. Baxter, Ret. illus Army 30:39-40+ Jun '80

The Soviet Army: Who gives the orders? Steve Abbott. illus Soldiers 35:26-27 Oct '80

The structure of the Soviet Armed Forces. C.N. Donnelly. illus map chart NATO's Fifteen Nations 25: 94-96 Apr-May '80

The three 'knows' of command. LtCol Ernest L. Webb. illus Army 30:57-60 Apr '80

To serve with honor. Maj Richard A. Gabriel. illus Army 30:17-21 May '80

COMMAND AND CONTROL SYSTEMS

See also
 Combat Control Centers
 Worldwide Military Command and Control System

AFCEA 80 Show and Conference (Washington, June 24-26, 1980): Heavy stress on communications. illus Interavia 35:729-731 Aug '80

The ARINC data link network: An integral part of airline command and control. Richard J. Otero. illus map Signal 34:23-26 Jul '80

Air defence systems planning. W.M. Stothard and R. Woodcock. illus Interavia 35:215-218 Mar '80

Air Force C³ technologies. LtGen Robert T. Marsh. illus Signal 35:32-36 Sep '80

Another side to C³: Computer-based information, decision and forecasting systems. Stephen J. Andriole. illus tabs Signal 34:15-22 Mar '80

An application of packet communications techniques to improve the Navy C² process. Thomas Barry Hughes. tabs illus Signal 34:49-54 Feb '80

Automated command and control in MAC. Capt Susan K. Hinderleider. illus Airlift Ops Rev 2:19-23 Oct-Dec '80

COMMAND AND CONTROL SYSTEMS - Continued

- Base-level communications-electronics planning. TIG Brief 32:21 Aug 29 '80
- The C³ business. (Address, Orientation Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) MajGen Van C. Double-day. illus Signal 34:21-23 Feb '80
- C³/EW/I is getting more money, but especially more visibility. Benjamin F. Schemmer. Armed Forces J Intl 117:49-50 Feb '80
- C³/EW in Europe--can NATO get its electrons together? Deborah M. Kyle and Benjamin F. Schemmer. illus tab Armed Forces J Intl 118:24-25+ Sep '80
- C³ for tactical nuclear forces in Europe. John Morgenstern. illus Signal 35:57-58 Dec '80
- C³ R&D: A House view. Rep Richard Ichord. illus Signal 35:11-12 Sep '80
- C³ R&D: A Senate view. Sen John C. Culver. illus Signal 35:10-11 Sep '80
- (C³ Systems Organization of the Joint Chiefs of Staff) Interview. LtGen Hillman Dickinson. illus Mil Elect/Countermeasures 6:18+ May '80
- C³I in evolution. John C. Morgenstern. illus Natl Def 64:18-21 Apr '80
- C³I satellite systems. Paul A. Chadwell. illus Natl Def 64:50-53+ Jun '80
- C³I--the essential element. Gerald P. Dinneen. illus tab Natl Def 64:15-17 Apr '80
- C³I: The intellect and impetus of military force. Gerald P. Dinneen. illus Defense/80, pp 2-11, Nov '80
- The calisthenics of military preparedness. (STARC (State ARea Command) readies for Proud Spirit/Mobex '80) Pamela Kane. illus Natl Guard 34: 20-23 Aug '80
- The case for continental air defense. MajGen R. Russell Barber, Ret. illus Parameters 10:20-23 Mar '80
- The challenging environment of C³I. RADM H. D. Arnold and others. illus Signal 34:17-19+ May-Jun '80
- Command and control. Maj J. P. Pennell. MarCor Gaz 64:26-28 Jun '80
- Command and Control and Communications (C³) programming. TIG Brief 32:15 Sep 12 '80
- Command and control at the DISCOM (3d Armored Division Support COMmand). LtCol Donald E. S. Merritt. illus Army Log 12:8-13 Jul-Aug '80
- Command (and Control) Center keeps check on MAC. A1C Tanya L. Lairamore. illus AF Times 41:12 Sep 29 '80
- Command and control for a long war. Paul Bracken. illus AF Mag 63:50-54 Apr '80

COMMAND AND CONTROL SYSTEMS - Continued

- Command and control in the 80s. (Convention panel, AFCEA, Washington, June 25, 1980) RADM Frederick C. Johnson and others. illus maps Signal 34: 61-62+ Aug '80
- Command and control in the Soviet ground forces. Col Erich Sobik. illus NATO's Fifteen Nations 24: 96-98+ Oct-Nov '79
- Command and control--some ACE aspects. AVM P. R. Mallorie. illus NATO's Fifteen Nations 24: 24-26+ Oct-Nov '79
- Command and control: The two-edged sword. LCDR Thomas E. Stuart. US Nav Inst Proc 106:108-111 Dec '80
- Command, control and communications in the future. (Presentation, 16th Annual Meeting, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 30-40, Aug '80
- Command technology: Voennaya sistemoteknika. An algorithmic approach to decision-making. Col J. Hemsley. illus map tabs RUSI J for Def Studies 125:58-64 Sep '80
- Communication and troop control. (Interview with Marshal of the Signal Corps A. I. Belov) illus Soviet Mil Rev No. 4:22-25 Apr '80
- Coordination in direct support--problems and solutions. illus Signal 34:29-32 Jul '80
- Counter command and control in conceptual perspective. LtCol John E. Rothrock, Jr. AU Rev 31:94-101 Jan-Feb '80
- The crystal ball is soft and fuzzy: Predicting communications requirements for future Marine Corps tactical data systems. LtCol J. H. Wickens. illus Signal 34:63-67 Feb '80
- The DCA--a rock and a hard place. (Address, AFCEA Washington Chapter, June 1980) VADM Samuel L. Gravely, Jr. illus Signal 34:7-9+ Apr '80
- Defining and measuring C². H. Bennett Teates and others. illus tabs Mil Elect/Countermeasures pt 1, a perspective. 6:40+ May '80; pt 2, Defining and measuring C². 6:28+ Jun '80
- An EEC view on the new technologies of information. (Address, AFCEA NATO Brussels Symposium, Oct 1980) Raymond K. Appleyard. Signal 35:51-53 Dec '80
- The Eidophor: C³ with a view. Len Blascovich. illus Natl Def 64:22-23+ Apr '80
- Electronic warfare in naval operations. Mario De Arcangelis. illus Armada Intl 4:40-42+ Mar-Apr '80
- Electronics & C³--moving into the 80s. Deborah M. Kyle. Armed Forces J Intl 117:20 Apr '80
- Electronics takes to the offensive. Edgar Ulsamer. illus AF Mag 63:41-50 Jul '80
- Evaluating C³ systems in joint exercises. Joseph S. Toma. illus Signal 34:38-40+ Apr '80

COMMAND AND CONTROL SYSTEMS - Continued

- Evaluating concepts for C³ systems. Maj William G. Kemple and others. illus tabs Mil Elect/Countermeasures 6:56+ Sep '80
- The evolution of C³I. M.I. Thom. illus Intl Def Rev 13, No.7:1033-1035 '80
- The future of HF communications in C³. J.D. Cosgrove and H.W. Swan. illus map Signal 34:15-17+ Feb '80
- Green Flag now defines electronic warfare as an offensive weapon. Majs Frank A. Parker and Arthur W. Ritter. illus Def Elect 12:59-60+ Oct '80
- How SAC communicates. Dennis R. Brown and Herbert R. Dimmick. illus Armed Forces J Intl 117: 62+ Feb '80
- Interoperability and EW. Michael T. Thurbon. Signal 34:13+ Apr '80
- Interoperability in command and control by networks. Karl H. Wagner. illus tab NATO's Fifteen Nations 24:48-50+ Oct-Nov '79
- JINTACCS (Joint Interoperability of Tactical Command and Control Systems). MajGen Clay T. Buckingham. illus tab Signal 34:53-54+ May-Jun '80
- Launch under attack to redress Minuteman vulnerability? Richard L. Garwin. Intl Sec 4:117-139 Winter '79/'80
- Logistics and C³I. LtCol Jerry W. Betts, Ret. illus Army Log 12:26-29 Jul-Aug '80
- NATO C³ issues. Gen Bernard W. Rogers and others. illus Signal 35:9-10+ Dec '80
- Navy electronic warfare and counter C³ programs. RADM A.A. Gallotta, Jr. illus Signal 35:19-22 Oct '80
- Ocean control: The renaissance in submarine communications. R.J. Starkey, Jr. illus map Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80
- Perspectives of EW. MajGen William I. Rolya. Signal 34:19-20 Apr '80
- The prevention of preemptive attack. CAPT Frank Andrews, Ret. illus US Nav Inst Proc 106:126-139 May '80
- Raids and national command: Mutually exclusive! LtCol Peter A. Kelly. illus Mil Rev 60:19-26 Apr '80
- Rapid deployment force C³. (Convention panel, AFCEA, Washington, June 26, 1980) RADM Jerry O. Tuttle and others. illus Signal 34:75+ Aug '80
- SOTAS (StandOff Target Acquisition System)--catalyst for the combined arms team. Col Wayne B. Davis. illus Signal 35:31-34 Oct '80
- Some current C³I concepts and programs. Gowri S. Sundaram. illus Intl Def Rev 13, No.7: 1036-1042 '80
- Soviet C³. Norman Polmar. illus AF Mag 63:58-62+ Jun '80

COMMAND AND CONTROL SYSTEMS - Continued

- Soviet mountain warfare operations. C.N. Donnelly. illus tabs Intl Def Rev 13, No.6:823-834 '80
- Swiss military infrastructure. Konrad Alder. illus Armada Intl 4:28+ Jul-Aug '80
- System architecture for the Hellenic National Defense Integrated Communication System (HNDICS). BrigGen Demetrios Matsoukas and Robert E. Britton. illus map tab Signal 34:69-74 Feb '80
- System engineering--the key to effective transition/ evolution of Army C³ systems. MajGen Emmett Paige, Jr. Signal 34:17-21 Jul '80
- A systems approach to communications, command, control and intelligence. (Address, Greater Los Angeles Chapter, AFCEA, Dec 1979) Gerald P. Dinneen. illus Signal 34:8-12 Feb '80
- Tactical communications in the Republic of Korea. Col Donald B. Griggs. illus Signal 35:22-28 Nov '80
- Tactical communications--the linkage between C² and I. James H. Babcock. illus Signal 35:11+ Nov '80
- Tactical intelligence analysis and EW control: Army's automated C³I. illus Mil Elect/Countermeasures 6:55-56+ Jun '80
- The tactical man-machine interface. James A. Lohr. illus Signal 35:25-28 Oct '80
- Technology trends in communications, command, and control. Ruth M. Davis. illus Defense/80, pp 2-3+, Jan '80
- Test slated for new field info kit. illus AF Times 41:16 Dec 22 '80
- Testing of the Army's interoperating network of tactical C³I systems. Grady H. Banister, Jr. illus Signal 34:45-47 Feb '80
- Thinking about Soviet C³. Norman Polmar. illus NATO's Fifteen Nations 24:36-38+ Oct-Nov '79
- The U.S. military updates its airborne communications, command and control systems. Hugh Lucas. illus Interavia 35:1099-1102 Dec '80
- Updating command and control systems in NATO. Erik Klippenberg. Signal 35:31-33 Dec '80
- VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No.6:887-890 '80
- Wavell trials successful: Stage 2 now under way. illus Intl Def Rev 13, No.2:275-276 '80
- "What electronic warfare does is add confusion to the battlefield." Interview. Gerald P. Dinneen. illus Armed Forces J Intl 117:35+ Feb '80
- Why "communicators" are poor communicators. illus Govt Exec 12:16+ Jun '80
- Winning the victory before the battle. Maj Robert C. Anderson, Jr. illus Signal 34:111-112+ May-Jun '80
- The Yugoslav ground forces: A look at the past and the present. Milan N. Vego. illus charts map tab Mil Rev 60:14-27 Nov '80

COMMAND AND CONTROL SYSTEMS - ContinuedStudy and Teaching

The Telecommunications Systems Staff Officer Course (at Keesler AFB, MS). Cpts Gary A. Phinney and Meyer D. Zuckerman. illus Signal 34:123-124+ May-Jun '80

COMMAND POSTSSee also

Advanced Airborne Command Post

Command (and Control) Center keeps check on MAC. A1C Tanya L. Lairmore. illus AF Times 41:12 Sep 29 '80

Command, control and communications in the future. (Presentation, 16th Annual Meeting, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 30-40, Aug '80

Mobile alternate command post. Capt Christopher G. Cheek. illus Air Def Mag, pp 14-17, Apr-Jun '80

The tactical command post of the separate brigade. LtCol Theodore A. Schumaker. illus tab Mil Rev 60:51-59 May '80

COMMANDING OFFICERS

The commanders. Steve Abbott. illus Soldiers 35: 30-34 Jul '80

Commanders and public affairs officers. (Excerpt from presentation, 9th Annual Public Affairs Conference and School, Presidio of San Francisco, March 28, 1980) LtGen Charles M. Hall. AF Plcy Ltr for Comdrs: Sup, pp 26-28, Sep '80

The commander's creative activity. Gen I. Tretyak. illus Soviet Mil Rev No. 8:19-22 Aug '80

The commanding officer's tactical skills. VAdm V. Kruglyakov. illus Soviet Mil Rev No. 6:9-12 Jun '80

Determination in battle. MajGen T.S. Hart. illus Armor 89:30-37 May-Jun '80

Ike and his indispensable lieutenants. Martin Blumen-son. illus Army 30:50-54+ Jun '80

JAG Reed: Too much scrutiny hurts. Interview. MajGen Walter D. Reed. AF Times 41:8 Sep 1 '80

Let's get our training act together. CDR John D. Roper. illus US Nav Inst Proc 106:99-101 Jun '80

Reflections on extended command. LtCol Jerry C. Harrison. illus Fld Arty J 48:30-32 Nov-Dec '80

Retention: The pressure is on. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 106:40-45 Apr '80

The 'scientific' Soviet commander. LtCol William P. Baxter, Ret. illus Army 30:39-40+ Jun '80

Soldier expectations. Capt Gardner M. Nason. illus Soldiers 35:11-13 Jun '80

The three 'knows' of command. LtCol Ernest L. Webb. illus Army 30:57-60 Apr '80

Who's your flight commander? LtCol Delbert F. Miller. illus TAC Attack 20:10-12 Dec '80

COMMANDOSSee also

Rangers

The lessons of the Iranian raid for American military policy. Alexander Scott. illus Armed Forces J Intl 117:26+ Jun '80

The Royal Artillery Display 1980. Col Norman Dodd. illus Asian Def J No. 5:105+ Sep-Oct '80

COMMANDS

See also specific commands by name, e. g., Strategic Air Command

Directories

(Army commands) Army 30:215-220 Oct '80

COMMENDATIONS see Awards, Decorations, etc

COMMERCEChina (People's Republic)

"New Orient Express" bridges China, U.S. trade. Albert Hoehn and Michael Karl. illus Def Trans J 36:28-34 Aug '80

Latin America

Arms and the Southern Cone: How defense activity grew in 1979. David Harvey. illus Def & For Aff 8, No. 1:28-32+ '80

United States

Ex-Im Bank: If it works, why fix it. illus Govt Exec 12:18-19 Oct '80

Flags of convenience or flags of necessity? CAPT Albert T. Church, Jr, Ret. illus US Nav Inst Proc 106:52-57 Jun '80

The nation's governors: In courteous revolt against Washington's ineptness in foreign trade details. illus Govt Exec 12:12+ Apr '80

"New Orient Express" bridges China, U.S. trade. Albert Hoehn and Michael Karl. illus Def Trans J 36:28-34 Aug '80

COMMERCE DEPT

The nation's governors: In courteous revolt against Washington's ineptness in foreign trade details. illus Govt Exec 12:12+ Apr '80

COMMISSARIESAir Force--U.S.

AFComs base survey sees 25 percent for AF. tab AF Times 40:14 Feb 18 '80

AFComs to begin complaint program. AF Times 40:2 Mar 31 '80

Chief of Services' evaluation of the commissary. TIG Brief 32:9 Mar 21 '80

Lackland (AFB, TX) store saves 25 percent. tab AF Times 40:25 Mar 17 '80

Langley (AFB, VA) comstore nets 24 percent savings. tab AF Times 40:21 Mar 24 '80

COMMISSARIES - ContinuedAir Force--U.S. - Cont'd

Mountain Home (AFB, ID) store 'nets' 29%. tabs AF Times 40:23 Mar 31 '80

People still save 25% at comstores. tab AF Times 41:10 Nov 10 '80

Robins (AFB, GA) store saves 22 percent. tab AF Times 40:37 Apr 21 '80

Store at Dover (AFB, DE) 'saves' 30 percent. tabs AF Times 40:26 Mar 3 '80

Armed Forces--U.S.

Commissary beef prices going up. Nancy Tucker. AF Times 41:2 Sep 15 '80

GAO shoots blanks at commissary system. Review 58:28-29 Mar-Apr '80

Stores blasted in GAO study. AF Times 40:1+ Jan 28 '80

Stores won't merge, but will mesh. AF Times 41:23 Oct 27 '80

Statistics

Commissary store sales (Fiscal 1979). Tables only. Review 58:51+ Mar-Apr '80

Army--U.S.

Army introduces ACCESS (Army Commissary Computer Entry Store System). Carroll E. Wilson. illus Review 58:36-37 Mar-Apr '80

COMMISSIONS, MILITARY

Commissioning: ANG cuts ages. AF Times 41:4 Dec 1 '80

Modern-day mustangs. (Former NCOs work for degrees and commissions through AFROTC at Baptist College, Charleston, SC) Capt Dick Sheffield. illus Airman 24:32-36 Oct '80

COMMON MARKET see European Economic Community

COMMUNICATIONS (GENERAL)

"Aks the man if I be goin'": Roots of Black English. Maj Lynn L. Sims. illus Mil Rev 60:30-32 Feb '80

Asking questions. Capt Charles W. Spriggs. Educ J 22:25-26 AY '79/'80

Communication and the clinical laboratory. TIG Brief 32:13 May 2 '80

Effective communications: Vital link in the inspector-inspectee relationship. TIG Brief 32:3-4 Nov 28 '80

Eliminating governmentese--simplifying language demands complex preparation. Alan Siegel. Govt Exec 12:42-47 Jun '80

English--a valedictory. Argus Tresidder. MarCor Gaz 64:16-18 Apr '80

Good writing: Clear, concise, interesting, logical--and hard work. R. Thomas Berner. illus Armed Forces Compt 25:22-25 Nov '80

COMMUNICATIONS (GENERAL) - Continued

Let's be professionals. (Presentation, Air Force ROTC Summer Encampment Dining-In, Wright-Patterson AFB, OH, July 11, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 12-18, Sep '80

Not another meeting! TIG Brief 32:13-14 May 16 '80

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Executive Communication (Area VI). CDR Joseph H. Langen. illus AF Compt 14:40-41 Apr '80

Parenting. Maj Clifford H. Bernath. illus Soldiers 35:6-9 Aug '80

"Productivity"--a direct link to communication. MajGen James E. Light, Jr. illus Combat Crew 30:2-3 Sep '80

Speak to me. Capt Gary V. Earl. illus TAC Attack 20:22-23 Jan '80

Survey of family attitudes--good communication most important. AF Times 41:10 Nov 3 '80

UNIGEN--universal language of aviation. W.R. Franks and others. tabs Aviation, Space & Envmt Med 51: 339-343 Apr '80

Visuals can make your meetings better. B.Y. Auger. illus Armed Forces Compt 25:10-14 Nov '80

When words fail, who's at fault? TIG Brief 32:14 May 2 '80

Study and Teaching

In step with BSEP (Basic Skills Education Program). SSgt Jim Boersema. illus Soldiers 35:46-48 Apr '80

Using questions for learning. Capt Janet S. Williamson. Educ J 22:27-31 AY '79/'80

Writing program making progress. Pat Dalton. AF Times 41:4 Aug 11 '80

COMMUNICATIONS, MILITARYSee also

Liaison
Radio Communications

Application of fiber optics to tactical communications systems. Col Joseph M. Corvino, Ret and Bernard D. DeMarinis. tabs illus Signal 34:55-62 Feb '80

Base communications improvements for the 1980s. BrigGen William G. MacLaren, Jr. Signal 35:19-21 Nov '80

Base communications: Network in transition. William N. White. illus Army 30:37-38 Apr '80

Boeing offers 707/ECX for TACAMO (Take Charge And Move Out) role. illus tab map Intl Def Rev 13, No. 5:688-689 '80

The C³ business. (Address, Orientation Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) MajGen Van C. Doubleday. illus Signal 34:21-23 Feb '80

C³ I in evolution. John C. Morgenstern. illus Natl Def 64:18-21 Apr '80

COMMUNICATIONS, MILITARY - Continued

C³I--the essential element. Gerald P. Dinneen. illus tab Natl Def 64:15-17 Apr '80

C³I: The intellect and impetus of military force. Gerald P. Dinneen. illus Defense/80, pp 2-11, Nov '80

Command and control--some ACE aspects. AVM P.R. Mallorie. illus NATO's Fifteen Nations 24: 24-26+ Oct-Nov '79

Communication and troop control. (Interview with Marshal of the Signal Corps A.I. Belov) illus Soviet Mil Rev No.4:22-25 Apr '80

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Countering the Soviet EW threat to field artillery communications. Capt Mark O. Oetken. illus tabs Fld Arty J 48:44-47 Mar-Apr '80

Double Nickle: 55th Signal Company. Capt Bobby L. Brown and Lt Carlos Martoral. illus USA Avn Dig 26:6-7 Jan '80

Fiber optic communication systems for the U.S. Army. Alexander Mondrick and James Wright. tabs Signal 35:31-32+ Nov '80

The goal: A world A/C network. Col William D. Sivert, Jr. illus Army 30:40+ Apr '80

'Lifeblood' of full combat power. MajGen Clay T. Buckingham. illus Army 30:20-22+ Apr '80

Manpack radios--the State of the Art. illus tabs Intl Def Rev 13, No.4:599-604 '80

Navy advanced communications. John R. Boyd. tabs Signal 35:39-41 Sep '80

Strategic laser communications. CDR Thomas F. Wiener. illus tab Signal 35:43-48 Sep '80

A systems approach to communications, command, control and intelligence. (Address, Greater Los Angeles Chapter, AFCEA, Dec 1979) Gerald P. Dinneen. illus Signal 34:8-12 Feb '80

Tactical intelligence analysis and EW control: Army's automated C³I. illus Mil Elect/Countermeasures 6:55-56+ Jun '80

Security

The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

Key management in cryptographic systems. Kirk H. Kirchhofer. illus Intl Def Rev 13, No.9:1396-1398 '80

Navy advanced communications. John R. Boyd. tabs Signal 35:39-41 Sep '80

SAM (Send-A-Message) may become an international messenger. Rush Wicker. tab USA Avn Dig 26: 14-15 Nov '80

Thinking about Soviet C³. Norman Polmar. illus NATO's Fifteen Nations 24:36-38+ Oct-Nov '79

COMMUNICATIONS, MILITARY - ContinuedStudy and Teaching

The Telecommunications Systems Staff Officer Course (at Keesler AFB, MS). Capts Gary A. Phinney and Meyer D. Zuckerman. illus Signal 34:123-124+ May-Jun '80

COMMUNICATIONS EQUIPMENTSee also

Radar Equipment
Radio Equipment

The future of American science. Philip Handler. illus Nav War Col Rev 33:57-67 Jan-Feb '80

Hand-held tactical terminals. Robert L. Felling. illus Mil Elect/Countermeasures 6:50+ Apr '80

"Less is more" in military electronics. Bruce F. Baldwin. Armed Forces J Intl 117:42 Jun '80

Secure on-line TTY communication via HF radio in naval and airfield deployment. Kirk H. Kirchhofer. illus Armada Intl 4:88-89+ Mar-Apr '80

WARC (World Administrative Radio Conference)-79 and its impact on defense and national security. William J. Cook. Signal 34:11-15 Jul '80

Exhibitions

AFCEA 80 Show and Conference (Washington, June 24-26, 1980): Heavy stress on communications. illus Interavia 35:729-731 Aug '80

Reliability

Command and control in the 80s. (Convention panel, AFCEA, Washington, June 25, 1980) RADM Frederick C. Johnson and others. illus maps Signal 34: 61-62+ Aug '80

System architecture for the Hellenic National Defense Integrated Communication System (HNDICS). BrigGen Demetrios Matsoukas and Robert E. Britton. illus map tab Signal 34:69-74 Feb '80

Survivability

Information distribution system network for survivable communications. Fred J. Ricci. illus tabs Signal 34:43-49 Mar '80

The next generation CONUS AUTOVON. Martin A. Thompson and Tom M. Shimabukuro. tabs illus Signal 34:75-80 Feb '80

The white desert. (Climatic conditions at Thule AB, Greenland, are inhospitable to humans but provide important conditions for testing satellite communications equipment) Allen L. Johnson. illus Airman 24:26-31 Apr '80

Testing

Space systems communications. (Address, Keynote Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) LtGen Richard C. Henry. illus Signal 34:29-31 Feb '80

An overview of the effects of nuclear weapons on communications capabilities. Capt Michael A. King and Paul B. Fleming. illus tabs map Signal 34:59-60+ Jan '80

COMMUNICATIONS SYSTEMSSee also

Radio Communications
Space Communications

China (People's Republic)

Telecommunications services in (People's Republic of) China. Richard B. Nichols. illus Signal 34:42-44 Jan '80

United States

Communications and computers--two cultures or one? Irwin L. Lebow. illus Signal 34:7+ Mar '80

Information distribution system network for survivable communications. Fred J. Ricci. illus tabs Signal 34:43-49 Mar '80

Inside the White House. (Military specialists operate the White House Communications Agency) MSgt David B. Drachlis. illus Airman 24:24-29 Mar '80

An overview of the effects of nuclear weapons on communications capabilities. Capt Michael A. King and Paul B. Fleming. illus tabs map Signal 34:59-60+ Jan '80

The shape of the future. illus Signal 34:11-13+ Jan '80

Telecommunications-computer applications activities of the National Research Council. R. V. Mrozinski. Signal 34:87+ May-Jun '80

Teleconferencing in the 1980s. Reinhard Stamminger. tabs maps Signal 34:41-43 Jul '80

VISTA--preparing for tomorrow's information society. Larry G. Wilson. illus Signal 34:31-33 Mar '80

COMMUNICATIONS SYSTEMS, MILITARYSee also

Automatic Voice Network
Command and Control Systems
Space Communications
Tactical Communications
Warning Systems

The evolution of C³I. M. I. Thom. illus Intl Def Rev 13, No. 7:1033-1035 '80

Message handling on ships--rationalisation by distributed data-processing. LtComdr Siegfried Netzbund and Heinz Schwarzer. illus Intl Def Rev 13, No. 6:883-886 '80

Australia

Field communications in the Australian Army. Col Peter J. A. Evans. illus Signal 34:94-96+ May-Jun '80

Great Britain

UKADGE (United Kingdom Air Defence Ground Environment)--latest development for the ground defence environment. Dan Boyle. illus Interavia 35: 922 Oct '80

Wavell trials successful: Stage 2 now under way. illus Intl Def Rev 13, No. 2:275-276 '80

COMMUNICATIONS SYSTEMS, MILITARY - ContinuedGreece

System architecture for the Hellenic National Defense Integrated Communication System (HNDICS). BrigGen Demetrios Matsoukas and Robert E. Britton. illus map tab Signal 34:69-74 Feb '80

Korea (Republic)

Tactical communications in the Republic of Korea. Col Donald B. Griggs. illus Signal 35:22-28 Nov '80

NATO

The Army's national role in NATO communications. MajGen Clarence E. McKnight, Jr. illus tabs map Signal 35:43-46+ Dec '80

The challenging environment of C³I. RADM H. D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

Communications in NATO's armies. Eric Rider. NATO's Fifteen Nations Special Issue No. 1:143 '80

Digital replacement of the ACE (Allied Command Europe) high transmission system. Gope D. Hingorani. illus map Signal 35:61-64 Dec '80

NATO C³ issues. Gen Bernard W. Rogers and others. illus Signal 35:9-10+ Dec '80

Pacific Region

Pacific communications revisited. RADM Benjamin Katz, Ret. Signal 34:71-72 Jan '80

Russia

The challenging environment of C³I. RADM H. D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

Communication and troop control. (Interview with Marshal of the Signal Corps A. I. Belov) illus Soviet Mil Rev No. 4:22-25 Apr '80

United States

Air Force telephone communications: Vintage systems --getting better. BrigGen William G. MacLaren, Jr. TIG Brief 32:2 Nov 14 '80

Base communications: Network in transition. William N. White. illus Army 30:37-38 Apr '80

C³/EW/I is getting more money, but especially more visibility. Benjamin F. Schemmer. Armed Forces J Intl 117:49-50 Feb '80

C³ Systems Organization of the Joint Chiefs of Staff Interview. LtGen Hillman Dickinson. illus Mil Elect/Countermeasures 6:18+ May '80

C³I in evolution. John C. Morgenstern. illus Natl Def 64:18-21 Apr '80

C³I--the essential element. Gerald P. Dinneen. illus tab Natl Def 64:15-17 Apr '80

C³I: The intellect and impetus of military force. Gerald P. Dinneen. illus Defense/80, pp 2-11, Nov '80

COMMUNICATIONS SYSTEMS, MILITARY - ContinuedUnited States - Cont'd

- The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80
- Command and Control and Communications (C³) programming. TIG Brief 32:15 Sep 12 '80
- Command and control in the 80s. (Convention panel, AFCEA, Washington, June 25, 1980) RADM Frederick C. Johnson and others. illus maps Signal 34: 61-62+ Aug '80
- Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal
- Electronics & C³--moving into the 80s. Deborah M. Kyle. Armed Forces J Intl 117:20 Apr '80
- The "eyes" of the CIC (Combat Information Center)--CONRAC's display model 60812. George deLucenay Leon. illus Signal 34:107-109 May-Jun '80
- The goal: A world A/C network. Col William D. Sivert, Jr. illus Army 30:40+ Apr '80
- How SAC communicates. Dennis R. Brown and Herbert R. Dimmick. illus Armed Forces J Intl 117: 62+ Feb '80
- Ocean control: The renaissance in submarine communications. R.J. Starkey, Jr. illus map Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80
- R&D in new communications systems. (Interview with William O. Baker) illus Signal 35:15-17 Sep '80
- Rapid deployment force C³. (Convention panel, AFCEA, Washington, June 26, 1980) RADM Jerry O. Tuttle and others. illus Signal 34:75+ Aug '80
- Some current C³I concepts and programs. Gowri S. Sundaram. illus Intl Def Rev 13, No. 7: 1036-1042 '80
- Strategic network: For safe global messages. Maj James L. White. illus Army 30:33-35+ Apr '80
- Tactical A/C: Supporting corps rear to front line. Anthony M. Valletta. illus Army 30:25-28 Apr '80
- Technology trends in communications, command, and control. Ruth M. Davis. illus Defense/80, pp 2-3+, Jan '80
- Test slated for new field info kit. illus AF Times 41:16 Dec 22 '80
- Theater subnetwork: 'Vital, complex link.' LtCol Cassius J. Mullen. illus Army 30:28+ Apr '80
- The U.S. military updates its airborne communications, command and control systems. Hugh Lucas. illus Interavia 35:1099-1102 Dec '80
- "What electronic warfare does is add confusion to the battlefield." Interview. Gerald P. Dinneen. illus Armed Forces J Intl 117:35+ Feb '80
- Why "communicators" are poor communicators. illus Govt Exec 12:16+ Jun '80

COMMUNICATIONS SYSTEMS, MILITARY - ContinuedUnited States - Cont'dTesting

- Testing of the Army's interoperating network of tactical C³I systems. Grady H. Banister, Jr. illus Signal 34:45-47 Feb '80

COMMUNISM

- Socialism and the developing countries. V. Kislov. Soviet Mil Rev No. 3:49-51 Mar '80
- World socialism and the national-liberation movement. Maj-Gen V. Kuchin. Soviet Mil Rev No. 10: 6-9 Oct '80

Countermeasures

- Afghanistan: Why? Editorial. Syed Hussain bin Syed Abdul Karim. illus Asian Def J No. 2:4-5 Mar-Apr '80

History

- The Second World War and the contemporary period. MajGen S. Tyushkevich. Soviet Mil Rev No. 8:2-5 Aug '80

Europe, Western

- Can NATO survive Eurocommunism? James P. O'Leary. Intl Sec Rev 5:73-90 Spring '80

Indochina

- Indochina versus ASEAN? Southeast Asia in the world of the 1980s. Peter Lyon. illus map NATO's Fifteen Nations 25:38-41 Feb-Mar '80

Italy

- Italy: Political violence in the heart of NATO. Angelo M. Codevilla. Intl Sec Rev 5:91-110 Spring '80

Malaysia

- Malaysia in the 'seventies: Communist resurgence and government response. SqLdr J. Clementson, Ret. RUSI J for Def Studies 124:50-57 Dec '79

Russia

- Advanced detachment of Soviet youth (Leninist Young Communist League). G. Alexandrov and N. Viktorov. illus Soviet Mil Rev No. 10:16-18 Oct '80
- Democracy of developed socialism. MajGen V. Kuchin. Soviet Mil Rev No. 2:14-15 Feb '80
- Laws governing the development of the Socialist Army. Capt V. Puzik. Soviet Mil Rev No. 9:16-18 Sep '80
- The leading force of Soviet society. Capt A. Skrylnik. illus Soviet Mil Rev 11:2-5 Nov '80
- Lenin's principles of Soviet military construction. Maj-Gen V. Novikov and Col N. Kuznetsov. Soviet Mil Rev pt 1, No. 4:2-5 Apr '80; pt 2, No. 5:15-17 May '80
- Member of the Communist Party: His duties and rights. Lt-Col G. Belousov. illus Soviet Mil Rev No. 9:11-13 Sep '80
- Party Congresses. V. Aidarov. illus Soviet Mil Rev No. 10:10-12 Oct '80

COMMUNISM - ContinuedRussia - Cont'd

The Soviet Army: Who gives the orders? Steve Abbott. illus Soldiers 35:26-27 Oct '80

Special purpose units (territorial military formations of the Communist Party). Col P.Dmitriyev. illus Soviet Mil Rev No.2:43-45 Feb '80

History

By the intellect and will of the Party. Col A.Popov. illus Soviet Mil Rev No.11:6-9 Nov '80

The Communist Party--organiser of victory. Lt-Gen P.Zhilin. Soviet Mil Rev No.4:10-13 Apr '80

Leninism triumphant. illus Soviet Mil Rev No.1:2-4 Jan '80

The Party--three programmes. Col V.Izmailov. Soviet Mil Rev No.6:6-8 Jun '80

COMMUNITY COLLEGE OF THE AIR FORCE

6 out of 100,000 submit false papers to CCAF. AF Times 40:14 Apr 21 '80

COMMUNITY RELATIONS

Here is entered material on the relations between a base and its neighboring community.

Iceland: Unique in NATO. LCDR Robert A.Fliegell. illus tab US Nav Inst Proc 106:32-37 Aug '80

The luckiest people. (Volunteers at Minot AFB, ND, give time and work to local senior citizens) SSgt Jim McKee. illus Airman 24:14-15 May '80

1980 Winter Olympics: Total Army support. Capt Gardner M.Nason. illus Soldiers 35:50-53 Jan '80

Operation Science Fair. SSgt Don McSherry. illus Air Reservist 33:12-13 Nov '80

A part of the family. (USAF Academy Chorale visits Dallas and finds helpful hosts) illus Airman 24: 17-19 Jul '80

Volunteer fire fighters. SP5 Denise Dudley. illus Soldiers 35:40-41 May '80

World realities and the M-X. (Presentation, Clovis, NM, Chamber of Commerce, Sep 12, 1980) Joe F. Meis. AF Plcy Ltr for Comdrs: Sup, pp 27-36, Nov '80

COMPETITION

A-E (Architect-Engineer): Competitive price negotiation. Paul J.Andrews. Govt Exec 12:42+ Aug '80

Architecture/Engineering contracts: Favoritism at best; price fixing at worst. Govt Exec 12:17-19 Apr '80

Competing for Federal funds: The secret of successful proposals. (Interview with Judson LaFlash) illus Govt Exec 12:40-41 Aug '80

Controlled competition for optimal acquisition. Kenneth S.Solinsky. tabs Def Sys Mgt Rev 3:47-55 Spring '80

The inefficiency of sealed-bid competition. James M. Corey. tabs Def Sys Mgt Rev 3:42-46 Spring '80

Mission: The Olympics--for military Olympic hopefuls, the final push is still on. Lothar H.Wedekind and others. illus AF Times, Times Magazine sup: 12-16+ Mar 3 '80

COMPETITION - Continued

1981 combat competition (Peacekeeper Challenge) to replace SPs' shootout. AF Times 41:12 Aug 4 '80

William Tell 1980. illus TAC Attack 20:4-6 Oct '80

COMPTROLLER GENERAL OF THE UNITED STATES
see General Accounting OfficeCOMPTROLLERS

CCCMP (Comptroller Civilian Career Management Program) is moving right along. Carodean McDowell. illus AF Compt 14:10-11 Oct '80

Comptroller activities at major commands: Air Force Communications Command. Col E.Rexford Bull, Jr. illus AF Compt 14:4-7 Apr '80

Comptroller civilian career enhancement program. Carodean McDowell. illus AF Compt 14:14-15+ Apr '80

Comptroller profile: Meet John Ward, Air University's "Father" of Data Automation. Capt Carl A. McIntire III. AF Compt 14:19 Oct '80

Doing more with less ... can comptrollership meet the challenge? D.Cordell Smithfield. Armed Forces Compt 25:28-30 Feb '80

(A new decade in comptrollership) (Remarks, American Society of Military Comptrollers National Symposium, San Antonio, May 23, 1980) Robert C. Moot. illus Armed Forces Compt 25:8-9 Nov '80

Notes from the Air Force Comptroller Management Engineering Team. LtCol Robert V.Peacock. illus AF Compt 14:42 Apr '80

Notes from the Air Force Comptroller Management Engineering Team. LtCol Robert V.Peacock. illus AF Compt 14:33 Jul '80

Notes from the Comptroller Plans Group. Col Philip F.Norton. illus AF Compt 14:13 Jan '80

Notes from the Comptroller Plans Group. Col Philip F.Norton. illus AF Compt 14:35 Apr '80

Notes from the Comptroller Plans Group. Col Philip F.Norton. illus tabs AF Compt 14:23 Jul '80

Notes from the Comptroller Plans Group. Col Philip F.Norton. AF Compt 14:21 Oct '80

Notes from the Palace Dollar team: Observations after two months at MPC. Capt David T.Redmon. illus AF Compt 14:28 Jan '80

Notes from the Palace Dollar team. Maj Gary G. Payne. illus tabs AF Compt 14:35 Jul '80

Notes from the Palace Dollar team: Enlisted career management in Palace Dollar. SSgt Bob Hake. illus tabs AF Compt 14:37 Apr '80

The Palace Dollar team: CY '80 majors results and 1981 overseas assignments. Capt Charles Carpenter. illus AF Compt 14:31 Oct '80

Planning for management. CMSgt Billy J.Freeman. illus Armed Forces Compt 25:34-35 Aug '80

Worldwide Comptroller Executive Session, Andrews Air Force Base, MD, 20-21 Sep 1979. illus AF Compt 14:8-9 Jan '80

COMPTROLLERS - ContinuedDirectories

(Comptroller organization chart--U.S. Air Force-wide) illus chart AF Compt 14:24-25 Oct '80

Key comptroller people by (Air Force) bases & major commands. Table only. AF Compt 14:42-46 Oct '80

(Updated USAF worldwide comptroller organization chart) illus chart AF Compt 14:24-25 Apr '80

Education and Training

Air Force advanced education (for comptrollers). Maj Thomas Caldwell. Armed Forces Compt 25:14+ Feb '80

Notes from the Commander of 3780th Tech Training Group, USAF Technical Training Schools. Col Edward D. Young. illus AF Compt 14:32 Jan '80

Notes from the Commander of 3780th Tech Training Group, USAF Technical Training Schools. Col Edward D. Young. illus AF Compt 14:31 Apr '80

Notes from the Commander of 3780th Tech Training Group, USAF Technical Training Schools. Col Edward D. Young. illus AF Compt 14:32 Jul '80

Notes from the Comptroller Plans Group. Col Philip F. Norton. illus AF Compt 14:13 Jan '80

Notes from the Comptroller Plans Group. Col Philip F. Norton. illus AF Compt 14:35 Apr '80

Notes from the Comptroller Plans Group. Col Philip F. Norton. illus tabs AF Compt 14:23 Jul '80

Notes from the Comptroller Plans Group. Col Philip F. Norton. AF Compt 14:21 Oct '80

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Executive Communication (Area VI). CDR Joseph H. Langen. illus AF Compt 14:40-41 Apr '80

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Financial management at the executive level (area I). LtCol Noel D. Gregg. illus AF Compt 14:30-31 Jan '80

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Information management. Maj Gerald W. Corwin. illus AF Compt 14:30-31 Jul '80

Presidential Management Interns in the comptroller career field. Charles E. Leggott. illus tab Armed Forces Compt 25:26-29 Nov '80

Professional Military Comptroller School (Air University, Maxwell AFB, AL): Reflections and expectations. Col Walt Edmonds. illus AF Compt 14:26-27 Oct '80

3780 Technical Training Group. Col Edward D. Young. illus AF Compt 14:28 Oct '80

What 2d lieutenants ought to know about financial management (and don't) is taught to them by the Space Division people. Leon Silverman. illus tab AF Compt 14:21-23 Jan '80

COMPUTER PROGRAMMING

ATLAS (Abbreviated Test Language for All Systems)--the new direction in automatic testing. CW3 Dennis A. Harris. illus tab Air Def Mag, pp 7-11, Jan-Mar '80

Ada: A standard programming language for defense systems. William E. Carlson. Signal 34:25-28 Mar '80

Are you getting the most out of your computer? Capt William A. McSpadden. illus AF Compt 14:47 Jan '80

The bare essentials. Maj Gerald L. Fleischmann. illus AF Compt 14:9-10 Jul '80

Computer explosion brings challenges. Maj William R. Dunn. illus Army 30:39-40 Apr '80

How to write an AFOLDS (Air Force OnLine Data System) retrieval. Capt L. Tomei. illus tabs AF Compt 14:16-17 Jan '80

Reading computer programs as a managerial activity. Harlan D. Mills. Def Sys Mgt Rev 3:140-144 Summer '80

Terminology

Military computer family adopts Ada & Nebula: Update. Mil Elect/Countermeasures 6:64-65 Apr '80

COMPUTERS

Airline computer systems. Manfred Momberger. illus Aerosp Intl 16:42-43+ Mar-Apr '80

Computerized maintenance management--today. (Presentation, 1979 Annual Conference, Instrument Society of America) Joseph D. Patton, Jr. illus Log Spectrum 14:29-32 Spring '80

The shape of the future. illus Signal 34:11-13+ Jan '80

Aeronautical Applications

Aircraft computers programed with a single keystroke. Richard Hartman. illus tabs Def Elect 12:35-36+ May '80

Computerized flight management for fuel saving. Chris Bulloch. illus Interavia 35:1010-1012 Nov '80

New ideas in jet engine maintenance. illus Armada Intl 4:92+ Jul-Aug '80

Pave Tack provides better target acquisition and designation. illus Def Elect 12:22-24 Apr '80

RF-4C radar predictions. Maj Richard F. Masse. illus tab Navigator 27:12-14 Winter '80

The speaking computer: Automatic voice advisory systems coming on line. Chris Bulloch. illus Interavia 35:1151-1152 Dec '80

Business Applications

Computers in manufacturing: Meeting the productivity challenge. Gen Alton D. Slay. illus tabs AF Mag 63:54-55+ Jul '80

COMPUTERS - ContinuedBusiness Applications - Cont'd

Distributed data processing: A new computer technology. James J. Eder. illus Log Spectrum 14: 21-23 Spring '80

Navy improves inventory process through combining systems. illus Govt Exec 12:48 Sep '80

Communication Applications

The ARINC data link network: An integral part of airline command and control. Richard J. Otero. illus map Signal 34:23-26 Jul '80

Another side to C³: Computer-based information, decision and forecasting systems. Stephen J. Andriole. illus tabs Signal 34:15-22 Mar '80

Base communications improvements for the 1980s. BrigGen William G. MacLaren, Jr. Signal 35:19-21 Nov '80

The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

Communications and computers--two cultures or one? Irwin L. Lebow. illus Signal 34:7+ Mar '80

The communications regulatory process. (Address, Technology Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) Rep Lionel Van Deerlin. illus Signal 34:25-27 Feb '80

The evolution of C³I. M.I. Thom. illus Intl Def Rev 13, No. 7:1033-1035 '80

Improved communications speed airline reservations. Paul Maurice. illus Interavia 35:1103-1104 Dec '80

Information distribution system network for survivable communications. Fred J. Ricci. illus tabs Signal 34:43-49 Mar '80

Message handling on ships--rationalisation by distributed data-processing. LtComdr Siegfried Netzband and Heinz Schwarzer. illus Intl Def Rev 13, No. 6:883-886 '80

Switched networks. (Convention panel, AFCEA, Washington, June 24, 1980) L.C. Seifert and others. illus Signal 34:44-47 Aug '80

System engineering--the key to effective transition/evolution of Army C³ systems. MajGen Emmett Paige, Jr. Signal 34:17-21 Jul '80

Tactical A/C: Supporting corps rear to front line. Anthony M. Valletta. illus Army 30:25-28 Apr '80

Telecommunications-computer applications activities of the National Research Council. R.V. Mrozinski. Signal 34:87+ May-Jun '80

Teleteach: How to stretch the classroom coast to coast. illus Govt Exec 12:44+ Apr '80

Test slated for new field info kit. illus AF Times 41:16 Dec 22 '80

Testing of the Army's interoperating network of tactical C³I systems. Grady H. Banister, Jr. illus Signal 34:45-47 Feb '80

COMPUTERS - ContinuedCommunication Applications - Cont'd

Updating command and control systems in NATO. Erik Klippenberg. Signal 35:31-33 Dec '80

Voice technology in military training. Robert Breaux. illus Def Mgt J 16:44-47 Fourth Quarter '80

Design

Applying computer technology to training systems. Charles E. Lindahl. illus Def Mgt J 16:38-43 Fourth Quarter '80

True BLIS: Built-In Support systems for tactical processors being developed. J. Ozols and T. Rath. illus tabs Def Elect 12:57+ Nov '80

Educational Applications

Curing government illiteracy. M. Scott Downing. Govt Exec pt 1, Communicating to a nation of tenth graders: The comprehension drops as content gets complex. 12:28-29+ Jul '80; pt 2, An automatic comprehension check for government regulation originators. 12:28+ Aug '80

Firefinder simulator--a new era in training. WO Thomas Curran and Raymond O. Waldkoetter. illus Fld Arty J 48:15-17 Nov-Dec '80

Voice technology in military training. Robert Breaux. illus Def Mgt J 16:44-47 Fourth Quarter '80

Energy Conservation Applications

Computerized flight management for fuel saving. Chris Bulloch. illus Interavia 35:1010-1012 Nov '80

Dealing with the crunch. (Computer flight plan) LtCol Felix D. Powers. illus tab Airlift Ops Rev 2:14-17 Apr-Jun '80

Saving gas: Cutting energy costs on each Coast. Tony Upton. Govt Exec 12:64+ Jun '80

3 commands will get (solar) energy data. AF Times 41:45 Aug 11 '80

Engineering Applications

ATLAS (Abbreviated Test Language for All Systems)--the new direction in automatic testing. CW3 Dennis A. Harris. illus tab Air Def Mag, pp 7-11, Jan-Mar '80

Computerized engine testing. Charles Sciano. illus Natl Def 65:45-46 Dec '80

Computers in manufacturing: Meeting the productivity challenge. Gen Alton D. Slay. illus tabs AF Mag 63:54-55+ Jul '80

Government Applications

Comprehensive OMB report takes a future look at the Federal life of general purpose ADP's. tabs Govt Exec 12:49-50+ Mar '80

Curing government illiteracy. M. Scott Downing. Govt Exec pt 1, Communicating to a nation of tenth graders: The comprehension drops as content gets complex. 12:28-29+ Jul '80; pt 2, An automatic comprehension check for government regulation originators. 12:28+ Aug '80

COMPUTERS - ContinuedGovernment Applications - Cont'd

Looking at COM (Computer-Output-Microfilm): Growth coming in government usages. Sam Trippe. Govt Exec 12:49-50 May '80

The office: Equipment is changing the face of government. illus Govt Exec 12:14+ Oct '80

Opportunity and catastrophe: How government looks to NMA (National Micrographics Assoc). C.W. Borklund. illus Govt Exec 12:14+ May '80

Telecommunications and the 1980 Census. McRae Anderson and Carl A. Walker. illus Signal 34:37-40 Mar '80

Industrial Applications

Computers in manufacturing: Meeting the productivity challenge. Gen Alton D.Slay. illus tabs AF Mag 63:54-55+ Jul '80

Distributed data processing: A new computer technology. James J. Eder. illus Log Spectrum 14: 21-23 Spring '80

Medical Applications

Body parts by computer--laser dots recorded in unique video link. Beth Pyndus. illus AF Times 41:37 Oct 27 '80

A new handle on health care (DEERS, Defense Enrollment Eligibility Reporting System). John Moxley III. illus Defense/80, pp 16-20, Oct '80

On-line analysis of eye movements using a digital computer. Robert W. Baloh and others. illus tabs Aviation, Space & Envmt Med 51:563-567 Jun '80

Military Applications

(AF Sec Hans) Mark on Hill: GAO misunderstood computer plan. AF Times 40:4 Jan 28 '80

Air Force computer resources: A vital element of mission support. BrigGen Avon C. James. TIG Brief 32:2 Jul 25 '80

Aircraft computers programed with a single key-stroke. Richard Hartman. illus tabs Def Elect 12: 35-36+ May '80

Are you getting the most out of your computer? Capt William A. McSpadden. illus AF Compt 14:47 Jan '80

Army introduces ACCESS (Army Commissary Computer Entry Store System). Carroll E. Wilson. illus Review 58:36-37 Mar-Apr '80

The bare essentials. Maj Gerald L. Fleischmann. illus AF Compt 14:9-10 Jul '80

The Barr & Stroud DF3 fire-control system. J.M. Ballantine. illus Intl Def Rev 13, No.4:536-538 '80

Blue/gold aircrew operations. LtCol Walter M. Patterson III. illus tabs Airlift Ops Rev 2:15-21 Jan-Mar '80

Command, control and communications in the future. (Presentation, 16th Annual Meeting, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) LtGen Robert T. Marsh. AF Ploy Ltr for Comdrs: Sup, pp 30-40, Aug '80

COMPUTERS - ContinuedMilitary Applications - Cont'd

Command technology: Voennaya sistemoteknika. An algorithmic approach to decision-making. Col J. Hemsley. illus map tabs RUSI J for Def Studies 125:58-64 Sep '80

Computer explosion brings challenges. Maj William R. Dunn. illus Army 30:39-40 Apr '80

Computer set, field artillery, general. Capt Larry D. Cahagan and Donald J. Giuliano. illus Fld Arty J 48:15-18 Jul-Aug '80

Computerized reliability prediction available to DOD agencies. TIG Brief 32:10 Mar 21 '80

Computers in the eighties: Opportunities or self-inflicted wounds? MajGen Jack Robbins, Ret. AF Mag 63:88-90+ Jul '80

Coordination in direct support--problems and solutions. illus Signal 34:29-32 Jul '80

DIAL (Digital Image Analysis Laboratory): Topography by computer. illus Army 30:36-37 Aug '80

The Directorate of Computer Resources. BrigGen Avon C. James. illus chart AF Compt 14:4-7 Jul '80

Directorate of Computer Resources. BrigGen Avon C. James. illus AF Compt 14:23 Oct '80

The Eidophor: C³ with a view. Len Blascovich. illus Natl Def 64:22-23+ Apr '80

Embedded Computer System (ECS) software. TIG Brief 32:10 Nov 14 '80

The evolution of C³I. M.I. Thom. illus Intl Def Rev 13, No.7:1033-1035 '80

Exercising the division data center. Maj Waldo W. Montgomery, Jr. illus Army Log 12:20-23 May-Jun '80

Firefinder simulator--a new era in training. WO Thomas Curran and Raymond O. Waldkoetter. illus Fld Arty J 48:15-17 Nov-Dec '80

Firms (Burroughs Corp and Sperry Univac) vie for computer job. AF Times 41:10 Dec 15 '80

GSA: The government's "Fred." R. James Woolsey. Armed Forces J Intl 118:70 Oct '80

The goal: A world A/C network. Col William D. Sivert, Jr. illus Army 30:40+ Apr '80

The hand-held calculator: Meeting today's needs today! Capt Henry W. Stratman and others. illus tabs Fld Arty J 48:8-13 Jan-Feb '80

Hand-held tactical terminals. Robert L. Felling. illus Mil Elect/Countermeasures 6:50+ Apr '80

Have electronic subcontractors become the "backbone of DOD?" Benjamin F. Schemmer. illus Armed Forces J Intl 117:54 Feb '80

How AFSC's "SMART" (Summary Management Assessment Review Trends) is making the generals "smarter." illus Govt Exec 12:56+ Mar '80

The instrumented battlefield. Kenneth G. Richards. illus Infantry 70:33-35 Mar-Apr '80

COMPUTERS - ContinuedMilitary Applications - Cont'd

Integrating microprocessor characterization and test data for use in systems design. John D. Shea. illus tabs Def Elect 12:91-92+ Sep '80

JINTACCS (Joint INTERoperability of TActical Command and Control Systems). MajGen Clay T. Buckingham. illus tab Signal 34:53-54+ May-Jun '80

MCF: The Military Computer Family. Mil Elect/Countermeasures. pt 1, A documentary. Edith W. Martin. 5:71+ Mar '79; pt 2, The approach. Edith W. Martin. 5:24+ Apr '79; pt 3, The issues. Edith W. Martin. 5:70+ May '79; pt 4, The opportunities. Murray Shohat and others. 5:50+ Jun '79; pt 5, Software for embedded computers. Edward Lieblein and Edith W. Martin. 5:48+ Jul '79; pt 6, Box vs module standardization. Harold C. Brooks and others. 5:102+ Aug '79; 5:34+ Sep '79; pt 7, Military computer standardization in perspective. Edith W. Martin and Edward Lieblein. 5:63-65 Nov '79; pt 8, Planning for post-1984. Edward Lieblein and others. 6:26+ Jul '80

MSAW (Minimum Safe Altitude Warning)--pilot's friend. SMSgt Marshall E. Holman. illus tab Aerosp Safety 36:14-15 Sep '80

Military computer family adopts Ada & Nebula: Update. Mil Elect/Countermeasures 6:64-65 Apr '80

Navy improves inventory process through combining systems. illus Govt Exec 12:48 Sep '80

Navy's automated information office: Answers in seconds, not months. illus Govt Exec 12:49-50 Feb '80

A new life-cycle cost model: Flexible, interactive, and conversational. Noreen S. Bryan and others. illus Def Mgt J 16:2-7 Third Quarter '80

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:29 Jan '80

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:36 Apr '80

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:34 Jul '80

Notes from the computer resource managers. Maj Wayne Traywick and SMSgt Phil Barrick. illus AF Compt 14:30 Oct '80

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 14:11 Jan '80

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 14:34 Apr '80

Notes from the Director of Computer Resources. BrigGen Avon C. James. illus AF Compt 14:27 Jul '80

On-line editing improves Army RDT&E management. F. Clifton Berry, Jr. illus Def Mgt J 16:13-17 Third Quarter '80

COMPUTERS - ContinuedMilitary Applications - Cont'd

PADS: Positioning and Azimuth Determining System. Maj David R. Rogers and Capt Robert R. Roe. illus tabs Fld Arty J 48:21-26 Jul-Aug '80

Pave Tack provides better target acquisition and designation. illus Def Elect 12:22-24 Apr '80

Soldiers and computers. Maj Steven L. Funk. illus Mil Rev 60:60-63 May '80

Some current C³I concepts and programs. Gowri S. Sundaram. illus Intl Def Rev 13, No. 7: 1036-1042 '80

South East Asia air defence. AVM Stewart Menaul. illus Asian Def J No. 2:74-76 Mar-Apr '80

Soviets reject explanation that warning alert failed. AF Times 40:3 Jun 23 '80

Strategic network: For safe global messages. Maj James L. White. illus Army 30:33-35+ Apr '80

TV Ordnance Scoring System. Capt Bob O'Dell. illus tab USAF Ftr Wpns Rev, pp 21-27, Summer '80

Tactical A/C: Supporting corps rear to front line. Anthony M. Valletta. illus Army 30:25-28 Apr '80

The tactical man-machine interface. James A. Lohr. illus Signal 35:25-28 Oct '80

The use of minicomputers in MAJCOM logistics management. Maj James D. Burnett and Capt Rodney L. Boatright. AF J Log 4:6-8 Spring '80

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No. 6:887-890 '80

WWMCCS and the computer that can. Col Perry R. Nuhn, Ret. Parameters 10:16-21 Sep '80

When is a computer like a pickup truck? Maj Frank J. Derfler, Jr. illus AU Rev 31:82-87 May-Jun '80

Why one's strengths are another's weaknesses in the PGM match-up. tabs Govt Exec 12:22+ Apr '80

Navigational Applications

Omega and INS (Inertial Navigation System) precomps. Capt Glon S. Turner. illus Navigator 27:13-15 Spring '80

The programmable calculator as a navigational tool. LtCol Frank T. Haloostock. illus Navigator 27: 23-27 Spring '80

Shirt-sleeve celestial. Cpts Doyle H. Gambrell, Jr and Monty S. Hoffsommer. illus Navigator 27: 18-19 Summer '80

The speaking computer: Automatic voice advisory systems coming on line. Chris Bulloch. illus Interavia 35:1151-1152 Dec '80

Personnel Applications

New enrollment system (Defense Enrollment/Eligibility Reporting System) mandatory for all military personnel and dependents. Officer 56:20 Jan '80

COMPUTERS - ContinuedSecurity Measures

Data processing security concerns. TIG Brief 32:4 Jul 25 '80

The evolution of C³I. M.I. Thom. illus Intl Def Rev 13, No.7:1033-1035 '80

Toward computers we can trust. Stephen T. Walker. illus Defense/80, pp 14-16, Aug '80

Simulation Programs

Applying computer technology to training systems. Charles E. Lindahl. illus Def Mgt J 16:38-43 Fourth Quarter '80

The Army's counterattack on training costs. LtCol Jerome A. Pogorzelski. illus Def Mgt J 16:14-17 Fourth Quarter '80

Computer simulation ... boon or bother for finance folks? Capt John Scott Hoff. illus Armed Forces Compt 25:22-28 Aug '80

The Eidophor: C³ with a view. Len Blascovich. illus Natl Def 64:22-23+ Apr '80

Luke (AFB, AZ), Williams (AFB, AZ) staging dog fights by computer. AF Times 40:29 Jan 14 '80

Transportation Applications

Automated traffic management in the 1980s. (From address, General Traffic Management Seminar, Orlando, FL, May 1980) LtCol Robert H. Fisher. illus Translog 11:1-4 Jul '80

CONDUCT, MILITARYSee also

Americans in Foreign Countries
Standards of Conduct

CONFERENCES, COMMUNICATION

AFCEA/80 Show and Conference (Washington, June 24-26, 1980): Heavy stress on communications. illus Interavia 35:729-731 Aug '80

AFCEA's 1st Western Conference & Exposition (Anaheim, CA, Jan 9-11, 1980). illus Signal 34:33-41 Feb '80

AFCEA's 34th Annual Convention (Program, Washington, June 24-26, 1980). illus Signal 34:42-43+ May-Jun '80

(AFCEA's 34th Annual Convention Report, Washington, June 24-26, 1980) illus Signal 34: entire issue Aug '80

Teleconferencing in the 1980s. Reinhard Stamminger. tabs maps Signal 34:41-43 Jul '80

WARC (World Administrative Radio Conference)-79 and its impact on defense and national security. William J. Cook. Signal 34:11-15 Jul '80

CONFERENCES, MEDICAL

Minutes of 1980 Business Meeting (Aerospace Medical Assoc, May 13, 1980). illus Aviation, Space & Envmt Med 51:944-947 Sep '80

CONFERENCES, MEDICAL - Continued

(Papers) (Joint Committee on Aviation Pathology, 11th Scientific Session, U.S. Naval Academy, Annapolis, Sep 5-8, 1978) illus tabs Aviation, Space & Envmt Med 51:959-1079 Sep '80

CONFERENCES, MILITARY

(ADPA) Defense Preparedness Meeting, 1980 (62d, Quantico MCB, VA, Oct 2). illus Natl Def 65:66-67+ Dec '80

AFA: Go slow on Soviet space treaty. Len Famiglietti. AF Times 41:41 Oct 6 '80

AFA's 1980 Convention: An emphasis on people. Vic Powell. illus tabs AF Mag 63:100-105 Nov '80

AFSA (Air Force Sergeants Assoc) 1980 Convention scrapbook (New Orleans, July 5-Aug 1). illus Sergeants 18:24-35 Oct '80

AG "Resolves" seek "teeth" for total force. (AGAUS 1980 Conference at Portland) illus Natl Guard 34: 8-11 May '80

Color them blue! (Air Guard and Reserves at AFA 34th National Convention, Washington, Sep 14-18, 1980) illus Air Reservist 33:16 Nov '80

Focus on readiness at (AUSA) 1980 Annual Meeting (Washington, Oct 13-15, 1980). Eric C. Ludvigsen. illus Army 30:42-49+ Dec '80

(Highlights of) NGAUS Conclave '80 (Las Vegas, NV, Sep 22-24, 1980). illus Air Reservist 33:17 Nov '80

Midcareer retention held biggest problem. (Report on AFA National Convention, Washington, Sep 14-18, 1980) Len Famiglietti. AF Times 41:14-15 Sep 29 '80

The mood was optimistic. (AFA's Junior Officer, Senior Enlisted, and Enlisted Advisory Councils at the 1980 AFA Convention) Maj Thomas L. Sack. illus AF Mag 62:90-92 Nov '80

National (ROA) Council, Washington, DC (Feb 20-22, 1980). illus Officer 56:23-27 Apr '80

National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80

Navy League 78th Convention, Washington, Apr 7-10, 1980. illus Sea Power 23:24-36 Jun '80

(1980 American Defense Preparedness Assoc Annual Meeting, Washington, April 16-17, 1980) illus Natl Def 65:51-55+ Aug '80

102d (NGAUS) General Conference (Las Vegas, Sep 22-24, 1980): Manning, modernization, mobilization seen as key elements in readiness of total force. illus Natl Guard 34:10-16+ Dec '80

A panoramic, probing look at U.S. defense needs. (Report on AFA's 34th National Convention, Washington, Sep 14-18, 1980) Edgar Ulsamer. illus AF Mag 63:50-55 Nov '80

(President's (Norman R. Augustine) report and awards at AUSA Annual Meeting, Washington, Oct 13-15, 1980) illus Army 30:44-48 Nov '80

(ROA National Convention, Pittsburgh, June 19-21, 1980) illus Officer 56: entire issue Aug '80

CONFERENCES, MILITARY - Continued

Revisiting the 1st AFA Convention (1947). Bruce Callander. illus AF Times 41:20 Oct 20 '80

State-Federal connection. (Report on 101st General Conference, National Guard Assoc, Cleveland, Oct 8-10, 1979) illus Natl Guard 33:7-26+ Dec '79

Training the Armor Force. (Report on Annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1980) illus tab Armor 89:23-45 Jul-Aug '80

CONFERENCES AND CONVENTIONS

Not another meeting! TIG Brief 32:13-14 May 16 '80

CONFIGURATION MANAGEMENT

Embedded Computer System (ECS) software. TIG Brief 32:10 Nov 14 '80

CONFLICT OF INTERESTS

Fraud/waste/abuse: Conflicts of interest. TIG Brief 32:16 Sep 12 '80

CONGRESS--U.S.

See also
Laws and Legislation

Changing times: Congress and defense. Robert L. Bledsoe and Roger Handberg. tabs Armed Forces & Soc 6:415-429 Spring '80

(Congress and DOD) (Remarks, Washington Chapter, American Society of Military Comptrollers, Sep 25, 1979) Rep Jack B. Brooks. illus Armed Forces Compt 25:12-13+ Feb '80

Congress and technology: Facing up to the realities of finiteness. (Office of Technology Assessment) (Interview with John H. Gibbons). illus Govt Exec 12:13+ Sep '80

The congressional role in defense policy making: The evolution of the literature. Edward J. Laurance. bibliog Armed Forces & Soc 6:431-454 Spring '80

A giant ship (USS Carl Vinson), a giant man (Carl Vinson). James D. Hessman. illus tab Sea Power 23:54 Apr '80

House Armed Services Committee rapidly defeats C-X. Deborah M. Kyle. Armed Forces J Intl 117:12 May '80

House unit (Armed Services Committee) bars 'Stealth' probe. AF Times 41:7 Sep 22 '80

How "Surveys & Investigations" helps Congress cut waste. illus Govt Exec 12:41-42 Apr '80

Limited war and the War Powers Resolution. Maj A. J. Ponnwitz. illus MarCor Gaz 64:35-41 Oct '81

Panel (House Armed Services Committee) asks big budget boost. Andy Plattner. AF Times 40:4 Mar 17 '80

A sea change in Congress? Col Warren P. Baker, Ret. Sea Power 23:47 Dec '80

Senate C-X vote uncertain: The 101-question overkill? Deborah M. Kyle. Armed Forces J Intl 117:12 May '80

CONGRESS--U.S. - Continued

Senate voting on the Vietnam War, 1964-1973: From hawk to dove. Paul Burstein. tabs J Pol & Mil Sociol 7:271-282 Fall '79

Suspicious Soviet chemical warfare activity prompts Hill investigation. Deborah M. Kyle. Armed Forces J Intl 117:39+ Aug '80

12% increase in FY '81 defense budget; approved by House Armed Services Committee. Armed Forces J Intl 117:10+ May '80

Two views of Congress by: A two-year veteran (Rep Phil Gramm) and a candidate for office (Lynn Martin). illus Govt Exec 12:30+ Oct '80

The War Powers Resolution: Congress vs the Commander in Chief. 1stLt Kevin E. Johns. illus US Nav Inst Proc 106:42-46 Dec '80

The week in Congress. Regular feature in some issues of Air Force Times

Who's watching the troops? Bruce Callander. AF Times 40:20 Jan 7 '80

Why SIRCS (Shipboard Intermediate Range Combat System) failed: The public record. Frank H. Featherston. Def Sys Mgt Rev 3:58-73 Winter '80

Directories

The new policymakers on Capitol Hill. Deborah M. Kyle. illus Armed Forces J Intl 117:14-16 Mar '80; Update. 117:14 May '80

CONGRESSIONAL MEDAL OF HONOR see Medal of Honor

CONNELLY, William A.

For NCO's: Leadership, hard work and training. SMA William A. Connelly. por Army 30:21-24 Oct '80

The worsening plight of the 'Army's own.' SMA William A. Connelly. por Army 30:9-11 Apr '80

CONSULTANTS

(ADM) Rickover blasts DOD consultant use. AF Times 41:2 Sep 1 '80

Consulting: Government's layer cake solution. Thomas G. Cody. Govt Exec 12:42+ Sep '80

Contract cleanup ordered by OMB. AF Times 41:35 Aug 11 '80

GAO asked to probe use of consultants. Karen McKay. AF Times 40:6 Jul 7 '80

CONSTRUCTION see Building and Construction

CONTAINER SHIPS see Ships, Transport

CONTAINERS

Air Force takes to sea. illus Def Trans J 36:27-29 Jun '80

Argon gas cylinders: Not a collector's item. TIG Brief 32:9 Mar 7 '80

Containerization--past, present, and future. John T. Arnold. illus Log Spectrum 14:31-34 Fall '80

Military packaging. Robert A. Baker. illus Def Trans J 36:22-26 Jun '80

CONTAINERS - Continued

Packaging for fragile aircraft and missile guidance components. Matthew A. Venetos and Frank C. Jarvis. illus tabs AF J Log 4:9-11 Summer '80

The spectre of Isandhlwana. Capt John R. Drebus. illus Armor 89:28-29 Sep-Oct '80

CONTINENTAL AIR DEFENSE COMMAND see North American Air Defense Command

CONTRACTED SERVICES

The Army's vanishing civilian work force. Thomas J. Gelli. tabs Def Mgt J 16:61-64 First Quarter '80

Contract management labor relations. TIG Brief 32:13 Feb 22 '80

Contract safety plan. TIG Brief 32:8 Apr 4 '80

Contracting out: A city (Indianapolis) successfully manages a private sector water treatment operation. (Interview with Mayor William H. Hudnut III) illus Govt Exec 12:30+ Sep '80

Contracting out OK if it saves \$\$. AF Times 40:4 Feb 18 '80

Contractor field teams. TIG Brief 32:8 Aug 29 '80

Products liability and tort risk distribution in government contract programs. Maj Roger Dean Graham. tabs AF Law Rev 20, No. 4:331-422 '78

Service contracts. TIG Brief 32:18 Jan 25 '80

Services contract mess: Who gets Uncle Sam's business. Lester A. Fettig. Govt Exec 12:57-58 Jun '80

The T-44A and contract maintenance. CDR Curtis J. Winters. illus tab US Nav Inst Proc 106:107-109 Jan '80

Understanding Type 1 (contract) training. TIG Brief 32:7-8 Apr 4 '80

What's your attitude? TIG Brief 32:12 Nov 14 '80

Why the Services Contract Act is an NMA (National Micrographics Assoc) headache. Govt Exec 12:23-24 May '80

CONTRACTS, GOVERNMENT

Defense industry news. Regular feature in issues of International Defense Review

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Problems in numerical input for the source selection decision. Robert F. Williams. Def Sys Mgt Rev 3:122-128 Summer '80

Great Britain

Sea Searcher contract. illus Asian Def J No. 3:132-133 May-Jun '80

United States

A-E (Architect-Engineer): Competitive price negotiation. Paul J. Andrews. Govt Exec 12:42+ Aug '80

ASPJ (Airborne Self-Protection Jammer): How to get competition in a "monopoly" environment. illus Govt Exec 12:24-25 Jul '80

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

Acquisition costing in the Federal government. Richard T. Cheslow and James R. Dever. illus tab Def Sys Mgt Rev 2:7-16 Autumn '79

Architecture/Engineering contracts: Favoritism at best; price fixing at worst. Govt Exec 12:17-19 Apr '80

Authority to make changes and obligate the government (constructive change orders). TIG Brief 32:22 Aug 29 '80

Boeing lands ALCM contract. Deborah G. Meyer. illus Armed Forces J Intl 117:17 May '80

Buying commercial: What works and what doesn't. Richard A. Stimson and Marilyn S. Barnett. tabs Def Sys Mgt Rev 3:56-68 Spring '80

The commercial revolution--it's coming in the defense business. T.R. Stuelpnagel. illus Armed Forces J Intl 117:63-64 May '80

Competing for Federal funds: The secret of successful proposals. (Interview with Judson LaFlash) illus Govt Exec 12:40-41 Aug '80

Contract ratification actions. TIG Brief 32:10 Sep 12 '80

Contracting in Air Force Systems Command--finding a better way. Gen Alton D. Slay. Signal 34:7-9 Jul '80

Contracting practices: Pushing hard for improvements. Editorial. Gen Alton D. Slay. Mil Elect/Countermeasures 6:23 Jan '80

Contractor field teams. TIG Brief 32:8 Aug 29 '80

Controlled competition for optimal acquisition. Kenneth S. Solinsky. tabs Def Sys Mgt Rev 3:47-55 Spring '80

DOD announces new top 100 contractors. Deborah G. Meyer. illus Armed Forces J Intl 117:54-56 Jul '80

DOD-wide work system could save \$36 billion. AF Times 41:27 Jul 28 '80

GSA (General Services Administration): Top management gaining visibility and speed. Govt Exec 12:15-16+ Jul '80

(Gen) Slay's initiatives: Alive, well and saving money. Deborah G. Meyer. illus Armed Forces J Intl 117:16+ Jul '80

Government data policy: Is it a threat to U.S. technology? Charles S. Haughey. Def Sys Mgt Rev 3:96-103 Summer '80

Hands-off contracting. T.R. Stuelpnagel. illus Natl Def 64:58-60 Jun '80

The impact of energy costs on acquisition contracting. Vaughn R. Pleasant. Def Sys Mgt Rev 3:69-76 Spring '80

The impact of the Freedom of Information Act on the contractor's technical proposal. Maj Van R. Muhn. tab AF J Log 4:4-8 Winter '80

Industry's top defense contractors and their Washington executives. Deborah G. Meyer. illus Armed Forces J Intl 117:44+ Aug '80

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

Industry's "top ten" defense contractors and their Washington executives. Deborah G. Meyer. illus Armed Forces J Intl 117:56-57 Jun '80

The inefficiency of sealed-bid competition. James M. Corey. tabs Def Sys Mgt Rev 3:42-46 Spring '80

Opportunity and catastrophe: How government looks to NMA (National Micrographics Assoc). C.W. Borklund. illus Govt Exec 12:14+ May '80

P.L. 95-507: A socialist nightmare. C.W. Borklund. Govt Exec 12:11 Sep '80

The product liability problem. Emanuel Kintisch. illus Natl Def 65:40-46 Aug '80

Products liability and tort risk distribution in government contract programs. Maj Roger Dean Graham. tabs AF Law Rev 20, No. 4:331-422 '78

Responsibilities of a contracting officer. TIG Brief 32:14 Jan 11 '80

The role of the contract in systems acquisition. Harvey J. Gordon. Def Sys Mgt Rev 3:30-42 Winter '80

Seeking the protection of the commercial warranty. Ronald R. Chalecki. illus Def Mgt J 16:36-39 Third Quarter '80

Services contract mess: Who gets Uncle Sam's business. Lester A. Fettig. Govt Exec 12:57-58 Jun '80

Small business contracting coalition: Why they're against government hurting itself. illus Govt Exec 12:20-21 May '80

Socio-economic objectives: Impact on civil and Defense agencies. Maj Richard J. Hampton and Richard J. Lorette. Def Sys Mgt Rev 2:78-88 Autumn '79

Socio-economic program impact on acquisition management. Patrick D. Sullivan. tab Def Sys Mgt Rev 2:89-98 Autumn '79

Value engineering savings. TIG Brief 31:15 Dec 21 '79

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 63:51-53 Jul '80

Will four-step solve the problem? David N. Burt. Def Sys Mgt Rev 3:19-29 Winter '80

Costs

Should-cost analysis: Is it the answer? H.G. Hoehl. tabs Def Mgt J 16:48-51 Fourth Quarter '80

CONVENTIONS see Conferences and Conventions

CONVERSION see Equipment Conversion

CONVOYS

Red Ball Express. Capt Michael W. Cannon. illus Armor 89:8-10 May-Jun '80

Soldiers! Start your engines! (Convoys in USAREUR) Sgt1C Gideon C. Chambers. illus Army Log 12: 26-27 Nov-Dec '80

To convoy or not to convoy. CDR William F. Mellin. illus US Nav Inst Proc 106:48-54 Mar '80

COOKE, Gerald E.

A challenge for the logistics profession. (Address, Dayton Chapter, SOLE, Dec 6, 1979) MajGen G.E. Cooke. Log Spectrum 14:19-21 Summer '80

COONEY, David M.

DOD studying how to improve CHAMPUS. AF Times 41:9 Dec 22 '80

COOPERATION see International Cooperation; Inter-service Cooperation

COPYING PROCESSES

Maps in minutes for the Army of the future? illus Mil Rev 60:80 Sep '80

COPYRIGHT

Did you know copyright protection of your work is now automatic? TIG Brief 32:19 Mar 21 '80

CORPORATIONS, INTERNATIONAL

Multinational corporations and transnational relations. Krishna Kumar. J Pol & Mil Sociol 7:291-304 Fall '79

CORPS OF ENGINEERS, ARMY see Army Corps of Engineers

CORRESPONDENCE SCHOOLS AND COURSES

Mail order U: Is it worth the price? MSgt Matt Glasgow. illus Soldiers 35:47-49 Jan '80

A new look for SOS Correspondence Program. TIG Brief 32:13-14 Apr 4 '80

Senior Air Force PME: It's within your reach. TIG Brief 32:21 Nov 14 '80

CORWIN, Gerald D.

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Information management. Maj Gerald W. Corwin. por AF Compt 14:30-31 Jul '80

COSMIC RAYS

Retinal changes in rats flown on Cosmos 936: A cosmic ray experiment. Delbert E. Philpott and others. illus Aviation, Space & Envt Med 51:556-562 Jun '80

COSMONAUTICS see Space Flight

COSMONAUTS see Astronauts

COST ANALYSISSee also

Economic Analysis
Output Measurement

Acquisition costing in the Federal government. Richard T. Cheslow and James R. Dever. illus tab Def Sys Mgt Rev 2:7-16 Autumn '79

Avoiding bias in progress functions. Robert Crouch. illus tab Def Mgt J 16:41-45 Third Quarter '80

(Congress and DOD) (Remarks, Washington Chapter, American Society of Military Comptrollers, Sep 25, 1979) Rep Jack B. Brooks. illus Armed Forces Compt 25:12-13+ Feb '80

COST ANALYSIS - Continued

Directorate of Cost & Management Analysis. Col Donald G. Kane. illus AF Compt 14:22 Oct '80

Flag rank quarters cost too much, auditors say. AF Times 41:6 Aug 25 '80

The full measure of resource costs. James M. Corey. illus tabs Def Mgt J 16:18-23 Third Quarter '80

GAO: Engineering costs top estimates. John Ginovsky. AF Times 40:17 Mar 10 '80

GAO report urges flexibility: Budget plans hurting recruiting. AF Times 41:47 Nov 3 '80

How can the cost analyst be improved as a more valuable resource? Clarence H. Goetsch. illus Armed Forces Compt 25:10-13 May '80

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:12 Jan '80

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:32 Apr '80

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:22 Jul '80

The realities of discount-rate selection. Paul F. Hogan and CDR Lee S. Mairs. illus Def Mgt J 16:24-27 Third Quarter '80

Should-cost analysis: Is it the answer? H.G. Hoehl. tabs Def Mgt J 16:48-51 Fourth Quarter '80

Study and Teaching

Cost analysis education. Capt Roland D. Kankey. illus AF Compt 14:14-15+ Jul '80

COST AND STANDARD OF LIVING

AAFES ups gold prices. AF Times 40:6 Feb 25 '80

AF hopes for 'singles COLA,' mileage break, other benefits. Bruce Callander. tab AF Times 41:1+ Oct 6 '80

(American Enterprise) Institute recommends raises above inflation. AF Times 41:3 Dec 22 '80

'Barracks' COLA lost; 'MALT-Plus' has chance. Martha Lynn Craver. AF Times 41:3 Dec 8 '80

Better incentives than pay hike? Bruce Callander. illus AF Times 41:22+ Dec 15 '80

COLA in jeopardy. Col A.H. Humphreys. Officer 56:18 Jun '80

Compensation: A new attitude. Joseph C. Zengerle. AF Times 40:20+ Jun 23 '80

DOD: Benefits raise 'salary' 13.3 percent. tab AF Times 41:4 Oct 13 '80

DOD survey: Fringes worth a lot. tabs AF Times 40:1+ Jul 21 '80

DOD told to draft new RMC (Regular Military Compensation). AF Times 41:3 Dec 29 '80

15 percent pay jump seen in proposals. AF Times 41:1+ Dec 15 '80

COST AND STANDARD OF LIVING - Continued

Food stamp use on rise. Karen McKay. AF Times 40:3 Jun 2 '80

Food stamp use soars; AFJ estimates 60,000 need them. Benjamin F. Schemmer. Armed Forces J Intl 117:39-40 Apr '80

GAO: Keep retired raises below CPI. Paul Smith. AF Times 40:1+ Jul 21 '80

Goldwater bill: President shouldn't twist CPI. Martha Lynn Craver. AF Times 40:1+ Apr 7 '80

HA rates to rise sharply in Japan (and Italy). AF Times 40:4 Jun 2 '80

Hill pushes once-a-year retirement raises. tabs AF Times 40:2 Apr 21 '80

How to obtain food stamps. AF Times 40:3 Jun 2 '80

In Alaska ... COLA is a way of life. Elinor E. Matis. illus AF Compt 14:34-36 Jan '80

LC's (LtCol Charles Ackerman) 'total benefits' idea draws attention of Hill. Andy Plattner. AF Times 40:7 Mar 31 '80

Male, female clothing rises in value for FY '81. tabs AF Times 41:4 Nov 10 '80

More than half million to get VHA if Congress passes Nunn-Warner. AF Times 41:3 Jul 28 '80

Need for emergency financial aid has skyrocketed in all the Services. Deborah G. Meyer. tabs Armed Forces J Intl 118:14+ Sep '80

98 percent living off base to get VHA by Oct 31. Tom Philpott. tab AF Times 41:1+ Oct 27 '80

1-a-year COL unresolved. AF Times 41:3 Oct 13 '80

O'sea singles COLA urged. Tom Philpott. AF Times 41:1+ Nov 24 '80

PCS moves: Financial bind getting attention. Len Famiglietti. AF Times 41:1+ Aug 11 '80

The "people" side of strategic deterrence: Why the draft won't solve the problem either. Govt Exec 12:22-24 Mar '80

People still save 25% at comstores. tab AF Times 41:10 Nov 10 '80

Per diem goes up in 30 German cities. AF Times 41:13 Aug 25 '80

Retired pay higher than expected. Randall Shoemaker. tab AF Times 40:8 Feb 25 '80

Retiree raise 7.7% unless Hill kills it. AF Times 41:3 Aug 4 '80

'Singles' COLA overseas urged. Tom Philpott. AF Times 41:1+ Nov 3 '80

Struggling with inflation. Jay Finegan. illus AF Times, Times Magazine sup:4-8+ Sep 1 '80

USMC Commandant (Gen Robert H. Barrow) leads Services in urging troops to use food stamps. SSgt Don Shinkaruk. tab Armed Forces J Intl 117:39 Apr '80

The unique hardships of sea duty. CAPT Thomas M. Hale and Linda D. Pappas. illus tabs US Nav Inst Proc 106:67-73 Nov '80

COST CONTROL

- The accident investigator as financial manager. TIG Brief 32:21 Oct 17 '80
- Affordability and the acquisition of major defense systems. F.C.E.Oder. tab Def Sys Mgt Rev 3: 7-13 Winter '80
- Concurrency today in acquisition management. Thomas E.Harvey. Def Sys Mgt Rev 3:14-18 Winter '80
- Contracting in Air Force Systems Command--finding a better way. Gen Alton D.Slay. Signal 34:7-9 Jul '80
- Contracting out OK if it saves \$\$. AF Times 40:4 Feb 18 '80
- Controlling civilian payroll costs. William G.Arnold. illus AF Compt 14:20-23 Apr '80
- DOD-wide work system could save \$36 billion. AF Times 41:27 Jul 28 '80
- Design-to-affordability: One industry view. Lawrence E.Stewart. illus tab Def Sys Mgt Rev 2:17-26 Autumn '79
- \$ cutting audit edict worries DOD. AF Times 41:18 Nov 3 '80
- Input data: The critical part of the cost/schedule control systems criteria. TIG Brief 32:19 Aug 29 '80
- Management reserve and undistributed budget logs: Keys to good management. TIG Brief 32:13 Sep 26 '80
- Navy advanced communications. John R.Boyd. tabs Signal 35:39-41 Sep '80
- Spares Acquisition Integrated with Production (SAIP). TIG Brief 32:8 Mar 7 '80
- Stores won't merge, but will mesh. AF Times 41:23 Oct 27 '80
- Why SIRCS (Shipboard Intermediate Range Combat System) failed: The public record. Frank H. Featherston. Def Sys Mgt Rev 3:58-73 Winter '80
- Zero overpricing in Air Force acquisitions. TIG Brief 32:7 May 2 '80

COST EFFECTIVENESS

See also
Efficiency

- Advanced OSI training to cut expenses in half. AF Times 40:7 Apr 14 '80
- Affordability--let's not make it a dirty word. RADM L.S.Kollmorgen and LCDR S.E.Briggs. tab Def Sys Mgt Rev 3:78-83 Summer '80
- An analytical approach to improved manufacturing technology. Milton H.Ritchie and others. illus tab Def Mgt J 16:52-56 Fourth Quarter '80
- The Army's counterattack on training costs. LtCol Jerome A.Pogorzelski. illus Def Mgt J 16:14-17 Fourth Quarter '80
- Beaming in on the disposable radio. Carroll E.Garrison. illus Def Mgt J 16:28-31 Third Quarter '80
- The best buy in ground attack aircraft--new or secondhand? Roy Braybrook. illus Asian Def J No.4: 92-96 Jul-Aug '80

COST EFFECTIVENESS - Continued

- Cruise missile development: The competition is fierce--everywhere. tabs illus Govt Exec 12: 22-24+ Jan '80
- Design To Life Cycle Cost (DTLCC) implementation. James R.Brennan. illus Log Spectrum 14:27-30 Fall '80
- Discounting defense capital expenditure proposals and determining the discount rate. LtCol Eugene O. Poindexter, Ret. illus tabs Armed Forces Compt 25:8-11 Feb '80
- Environmental impacts of the Aswan High Dam. Edward K.Bryant. illus map tab Mil Engr 72:181-183 May-Jun '80
- Firecracker in the air. Brian M.Walters. illus Asian Def J No.3:138+ May-Jun '80
- Front-end analysis for emerging systems. CDR Joseph F.Funaro and J.D.Fletcher. illus Def Mgt J 16:33-37 Fourth Quarter '80
- The full measure of resource costs. James M.Corey. illus tabs Def Mgt J 16:18-23 Third Quarter '80
- GSA region scores with word processing. Robert M. Redmond. Govt Exec 12:48-50 Apr '80
- The high school testing program: A cost-effective recruitment tool. Gus C.Lee. illus tabs Def Mgt J 16:14-21 First Quarter '80
- How "Surveys & Investigations" helps Congress cut waste. illus Govt Exec 12:41-42 Apr '80
- How's your helmet? TSgt William T.Smith. illus TAC Attack 20:27-28 Apr '80
- Is reform needed in NATO arms procurement? J.B. Koepl. Intl Def Rev 13, No.5:658 '80
- Is your decision cost effective? LtCol Robert L.Ryan. illus tab AF Compt 14:33+ Jan '80
- Luftwaffe planning for the 1990s. C.Regulus. illus Intl Def Rev 13, No.4:491-494 '80
- Message handling on ships--rationalisation by distributed data-processing. LtComdr Siegfried Netzbund and Heinz Schwarzer. illus Intl Def Rev 13, No.6:883-886 '80
- New challenge in defense: Affordability. John R. Transue. Natl Def 65:30-31+ Dec '80
- A new life-cycle cost model: Flexible, interactive, and conversational. Noreen S.Bryan and others. illus Def Mgt J 16:2-7 Third Quarter '80
- Opportunistic base and depot maintenance policies for F100 engines in F-15 aircraft. John L.Madden and Virginia L.Williamson. tabs AF J Log 4:18-22 Winter '80
- The potential benefits of nontraditional decision alternatives. Stephen R.Ruth. illus Def Mgt J 16:8-12 Third Quarter '80
- Reaping the benefits of flight simulation. Jesse Orlansky and Joseph String. illus tabs Def Mgt J 16:6-13 Fourth Quarter '80
- Savings moves: Those due to return to U.S. can extend. AF Times 40:1+ May 5 '80
- Some current C³I concepts and programs. Gowri S.Sundaram. illus Intl Def Rev 13, No.7: 1036-1042 '80

COST EFFECTIVENESS - Continued

Survivability: A critical aspect of system acquisition. TIG Brief 32:12 Aug 29 '80

Tell it like it is. Maj Roger Jacks. illus Aerosp Safety 36:8-9 Sep '80

COST OF LIVING see Cost and Standard of LivingCOST REDUCTION PROGRAM

AFCC to eliminate 200 slots, save \$\$\$. AF Times 41:16 Dec 8 '80

COUNCIL OF MUTUAL ECONOMIC ASSISTANCE

The CMEA and the developing countries. O. Bogomolov. Soviet Mil Rev No. 5:52-54 May '80

Effective aid. (CMEA (Council of Mutual Economic Assistance) and the developing countries' metal-making industries) A. Shevchenko. Soviet Mil Rev No. 10:50-51 Oct '80

COUNCIL ON ENVIRONMENTAL QUALITY

The new Council on Environmental Quality regulations: The tiger's new teeth. Maj Laurent R. Hourcle. AF Law Rev 21, No. 3:450-461 '79

COUNSELING

Legal liability in genetic counseling and testing. Capt Jeffery L. Grundtisch. AF Law Rev 21, No. 3:462-472 '79

The returning brigade. Mary C. Femmer. illus Army 30:24-26+ Sep '80

Sex--more than an act. Steve Abbott. illus Soldiers 35:27-31 Feb '80

Supervisory counseling: You don't have to be a counselor to do it! TIG Brief 32:4 Jan 11 '80

COUNTERINTELLIGENCE

What Ivan knows about us. LtCol William P. Baxter, Ret. illus Army 30:33-35 May '80

COUNTERMEASURES

See also
Electronic Countermeasures

Countermeasures against sea mine threats show European lead. Stefan Geisenheyner. illus tab Def Elect 12:43-44+ Apr '80

Countersurveillance. Col J. Tuck Brown, Ret. illus tab Fld Arty J 48:44-47 May-Jun '80

COURAGE

Determination in battle. MajGen T. S. Hart. illus Armor 89:30-37 May-Jun '80

Moral courage and leadership. Capt Ronald B. Helle. illus MarCor Gaz 64:25-26 Nov '80

COURIER SERVICE

Protection of ARFCOS (ARmed Forces Courier Service) material. TIG Brief 32:5 Jan 25 '80

COURT OF CLAIMS

AF not required to buy land (near a base). AF Times 41:10 Oct 27 '80

COURT OF CLAIMS - Continued

Nonjudicial punishment upheld (by Court of Claims). AF Times 40:11 Jul 14 '80

Retired officer (CDR Edward Rawlins) to collect \$100,000 for nonhike. AF Times 41:8 Dec 8 '80

COURT OF MILITARY APPEALS

CMA: Blood tests can be ordered for drinkers. Don Mace. AF Times 41:2 Nov 17 '80

CMA: Most drug offenses are Service-connected. Don Mace. AF Times 41:1+ Oct 27 '80

CMA: No Art(icle) 15 legal counsel required. AF Times 41:10 Oct 27 '80

CMA reform sent to Hill. AF Times 40:11 Jan 21 '80

CMA revamp moves to Senate. AF Times 41:14 Oct 20 '80

CMA to trim backlog of cases. AF Times 41:11 Aug 25 '80

CMA upsets 30-year rule on 'doubt.' AF Times 41:15 Sep 8 '80

Everett: CMA 'at the pinnacle.' Robinson O. Everett. illus AF Times 40:23 Jul 14 '80

New clout asked in fight on drugs. Don Mace. AF Times 40:1+ Jun 30 '80

The rule in Ginyard's case--congressional intent or judicial field expedient? Capt William A. Woodruff. AF Law Rev 21, No. 2:285-329 '79

Some lawyers criticize CMA. AF Times 40:14 Mar 3 '80

COURTSUnited States

AF to appeal court order to reinstate homosexual (Leonard P. Matlovich). AF Times 41:2 Sep 22 '80

Are courts robbing servicemen? John Slinkman. AF Times 40:20 Mar 3 '80

The Brethren (Supreme Court) at law and at war: An essay. Zane E. Finkelstein. illus Parameters 10: 79-83 Jun '80

GAO opinion: Court can divide pay in divorces. AF Times 41:7 Sep 22 '80

High Court agrees to rule on job-Reserve duty conflict. Tom Philpott. AF Times 41:40 Nov 24 '80

High Court to rule on male-only draft. AF Times 41:13 Dec 15 '80

Homosexuals' ruling may bear on AF case (TSgt Leonard Matlovich). Don Mace. AF Times 41:3 Nov 10 '80

Is it bigger than a breadbox? An administrative law judge looks at cross-examination of experts. LtCol Isaac D. Benkin. AF Law Rev 21, No. 2:364-375 '79

Policy on homosexuals being checked. AF Times 41:15 Oct 13 '80

Rossi decision: Rehearing urged on foreign hiring. Tom Philpott. AF Times 41:4 Nov 17 '80

COURTS-MARTIAL

See also
Military Justice
Uniform Code of Military Justice

CMA: No Art(icle) 15 legal counsel required. AF Times 41:10 Oct 27 '80

CMA to trim backlog of cases. AF Times 41:11 Aug 25 '80

CMA upsets 30-year rule on 'doubt.' AF Times 41:15 Sep 8 '80

Changes in Article 15 could ease its sting. M.L. Craver. AF Times 40:1+ Jan 14 '80

Court-martial, Art(icle) 15 rates on rise. AF Times 40:9 Feb 25 '80

Courts-martial, Art(icle) 15s seen on rise. Don Mace. tabs AF Times 41:4 Sep 15 '80

On trial: A look at 'the system.' Helen Kay Ellsworth. illus tab Soldiers 35:6-9 Nov '80

Past sexual actions to be inadmissable (in rape cases). M.L. Craver. AF Times 40:4 Feb 25 '80

Quality of legal services improves. Interview. MajGen Walter D. Reed. AF Times 40:8 Apr 14 '80

Rules of Evidence closer to civilian. AF Times 41:4 Jul 28 '80

Rules of Evidence: Inspection change held far-reaching. AF Times 41:26 Aug 11 '80

CRANES

The floating wonder of Bremerhaven. Capt Randy R. Tibbs. illus Translog 11:8-9 Nov '80

CRASH BARRIER see Airplanes, Military--Arresting Gear

CREATIVITY

The military leadership grid. Robert R. Blake and others. (Reprinted from Military Review, June 1968) illus Mil Rev 60:13-26 Jul '80

CREDIT

AAFES' credit setup 'loses' but troops gain. AF Times 40:8 May 12 '80

Credit, insurance denied because of (military) occupation. AF Times 41:24 Dec 8 '80

The money monster: Living within a budget. SGM Bruce N. Bant. illus tabs Soldiers 35:27-30 Jun '80

Services again studying credit system for clothing. AF Times 41:3 Oct 6 '80

Women & credit: Equality at the bank. MSgt Matt Glasgow. illus Soldiers 35:34-35 Aug '80

CREDIT UNIONS

CUs in loan market 'fight' o'seas. AF Times 40:17 Jun 23 '80

CREECH, Wilbur L.

Tactical Air Command. por AF Mag 63:94-96 May '80

CRIMES AND MISDEMEANORSSee also

Fraud
Prisoners and Prisons

Bad checks in AAFES up 21 percent in 8 months. AF Times 40:4 Jan 14 '80

Bribery investigation has not hurt AAFES. Interview. MajGen Duane H. Stubbs. AF Times 41:41 Nov 24 '80

CMA: Most drug offenses are Service-connected. Don Mace. AF Times 41:1+ Oct 27 '80

Carter backs recruiters seeking student lists. Tom Philpott. AF Times 41:2 Aug 25 '80

Changes in Article 15 could ease its sting. M.L. Craver. AF Times 40:1+ Jan 14 '80

Churchill Sales (Co) guilty in AAFES bribery case. AF Times 41:28 Aug 25 '80

Courts-martial, Art(icle) 15s seen on rise. Don Mace. tabs AF Times 41:4 Sep 15 '80

Crime and punishment. TIG Brief 32:6 Oct 31 '80

Crime--how not to be a victim. MSgt Matt Glasgow. Soldiers 35:34-35 Jun '80

Farflung corruption in BXs feared. Andy Plattner. AF Times 40:2 Jan 28 '80

Fuel accountability. TIG Brief 32:11 May 16 '80

GAO criticizes handling of Article 15s. AF Times 41:22 Sep 22 '80

Minor offenses: 'Custody,' not fines, seen. Interview. MajGen Walter D. Reed. AF Times 40:1+ Feb 4 '80

On trial: A look at 'the system.' Helen Kay Ellsworth. illus tab Soldiers 35:6-9 Nov '80

The rule in Ginyard's case--congressional intent or judicial field expedient? Capt William A. Woodruff. AF Law Rev 21, No. 2:285-329 '79

CRISIS MANAGEMENT

Chinese conflict management. Maj Edward W. Ross. illus Mil Rev 60:13-25 Jan '80

The contingency challenge is for real. Majs John Van de Kamp and Ken McCormick. illus Combat Crew 30:4-6 Mar '80

Crisis management. Lawrence Freedman. illus NATO's Fifteen Nations 24:16-17+ Oct-Nov '79

Option Charlie: H-bomb in hands of extremists tests Presidential decision making process in hypothetical crisis. Col John E. Bex. illus Officer 56:28-32+ May '80

Organizing for national security. Philip A. Odeen. Intl Sec 5:111-129 Summer '80

CRIST, George B.

MajGen Crist steps up to top Reserve post (Deputy Chief of Staff, Reserve Affairs, Headquarters, Marine Corps). por Officer 56:19 Sep '80

CRITIQUES

Post-flight critique. Col M. Igumentsev. illus Soviet Mil Rev No. 4:34-35 Apr '80

CROSBY, John S.

Project Improve--an MBO success story. MajGen John S. Crosby. Army Log 12:24-25 Jan-Feb '80

CRUISE MISSILES see Missilesalso

Missile Type--ALCM
Missile Type--GLCM

CRUISERS

First Soviet nuclear-powered cruiser and new guided missile destroyer at sea. Benjamin F. Schemmer. illus Armed Forces J Intl 118:24+ Nov '80

New Soviet pocket battleship (Kirov) unveiled. illus Def Elect 12:31 Apr '80

Their new cruiser. CAPT James W. Kehoe and Kenneth S. Brower. illus US Nav Inst Proc 106:121-126 Dec '80

CRYPTOGRAPHY

Code breaking--the Ultra story. Walter Pforzheimer. illus MarCor Gaz 64:76-80 Jul '80

Key management in cryptographic systems. Kirk H. Kirchhofer. illus Intl Def Rev 13, No. 9:1396-1398 '80

Secure on-line TTY communication via HF radio in naval and airfield deployment. Kirk H. Kirchhofer. illus Armada Intl 4:88-89+ Mar-Apr '80

History

The mysterious cipher device. Louis Kruh. illus Natl Def 64:33-36 Apr '80

CUBA

Cuba's expanding power potential. F. Clifton Berry, Jr. illus tabs maps AF Mag 63:43-47 Apr '80

Foreign Policy

America's soft underbelly: Central America and the Caribbean. John J. Tierney. illus Sea Power 23: 14-16 Jun '80

The extended family. James Hansen. illus tabs Def & For Aff 8:6-11 Sep '80

Foreign RelationsAfrica

The Cuban catspaw. MajGen Charles Stainforth. Army Qtr 109:6-10 Jan '79

Angola

The Soviet-Cuban intervention in Angola. Jiri Valenta. illus map US Nav Inst Proc 106:51-57 Apr '80

CUBA - ContinuedStrategic Importance

Cuba's expanding power potential. F. Clifton Berry, Jr. illus tabs maps AF Mag 63:43-47 Apr '80

The umpteenth Cuban confrontation. Capt Leslie K. Fenlon, Jr, Ret. illus US Nav Inst Proc 106:40-45 Jul '80

CUBAN CRISIS, 1962

Crisis management. Lawrence Freedman. illus NATO's Fifteen Nations 24:16-17+ Oct-Nov '79

CULVER, James F.

Air Force Medical Service Center. por AF Mag 63: 117 May '80

CUMBEY, J. Craig

The new performance appraisal systems. (Presentation, Subcommittee on Civil Service of the House Post Office and Civil Service Committee, Washington, May 15, 1980) J. Craig Cumbeby. AF Pley for Comdrs: Sup, pp 30-32, Sep '80

CURRY, Jerry R.

"... and that's the way it is?" The military & the media. MajGen Jerry R. Curry. por Defense/80, pp 19-24, Jun '80

CUSTOMER SERVICE

Customer service: You can help. TIG Brief 32:11 Jul 11 '80

Dealing with people: Sometimes a tough job. TIG Brief 32:15-16 Nov 28 '80

The name of the game is customer service (at Travis AFB, CA). 2dLt Ralph W. Williams III. illus AF Engrg & Svcs Qtr 21:13-14 Feb '80

Supply-customer relations. TIG Brief 32:9-10 Nov 28 '80

CUSTOMS, MILITARYSee also

Traditions, Military

CUSTOMS SERVICE

The Coast Guard and the southeastern frontier. CAPT A.R. Larzelere. illus tabs map US Nav Inst Proc 106:140-153 May '80

Mail 'snooping' still going on. AF Times 41:3 Sep 1 '80

Plan to bar customs check called a threat to HHG. Len Famiglietti. AF Times 40:3 May 5 '80

CZECHOSLOVAKIAForeign RelationsRussia

From Prague to Kabul: The Soviet style of invasion. Jiri Valenta. Intl Sec 5:114-141 Fall '80

DANTES see Defense Activity for Non-Traditional Educational Support

DARCOM see Army Materiel Development and Readiness Command

DARPA see Defense Advanced Research Projects Agency

D-Day, 1944 see Normandy Campaign, 1944

DEERS see Defense Enrollment/Eligibility Reporting System

DIS see Defense Investigative Service

DMA see Defense Mapping Agency

DOPMS see Defense Officer Personnel Management System

DSARC see Defense Systems Acquisition Review Council

DSCS see Defense Satellite Communications Systems

DALTON, Harry J., Jr

When our leaders deal with the media. BrigGen H.J. Dalton, Jr, Ret. TIG Brief 32:2 Sep 12 '80

DAMAGE CONTROL

Damage control on a ship. Capt S.Litvinov. illus Soviet Mil Rev No.2:36-37 Feb '80

DAMAGES see Claims

DAMS

Environmental impacts of the Aswan High Dam. Edward K. Bryant. illus map tab Mil Engr 72:181-183 May-Jun '80

Locks and Dam No.26: Rehabilitation versus replacement. Col Leon E.McKinney and others. illus Mil Engr 72:110-113 Mar-Apr '80

DANGEROUS MATERIALS see Hazardous Substances

DATA LINK see Data Transmission Systems

DATA PROCESSING SYSTEMS see Electronic Data Processing Systems

DATA TRANSMISSION SYSTEMS

The ARINC data link network: An integral part of airline command and control. Richard J.Otero. illus map Signal 34:23-26 Jul '80

ATC flow management: Fuel is the spur and data links the key. Dan Boyle and Chris Bulloch. illus tab map Interavia 35:327-331 Apr '80

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

Aircraft computers programed with a single key-stroke. Richard Hartman. illus tabs Def Elect 12:35-36+ May '80

High speed facsimile drives census data. illus Govt Exec 12:47-48 Nov '80

Information distribution system network for survivable communications. Fred J.Ricci. illus tabs Signal 34:43-49 Mar '80

DATA TRANSMISSION SYSTEMS - Continued

Interceptability and jammer performance: An argument for signal processing intercept receivers. Robert S.Graziano. illus tabs Mil Elect/Counter-measures 6:62-64+ Oct '80

Message handling on ships--rationalisation by distributed data-processing. LtComdr Siegfried Netzbund and Heinz Schwarzer. illus Intl Def Rev 13, No.6:883-886 '80

Strategic network: For safe global messages. Maj James L.White. illus Army 30:33-35+ Apr '80

Wavell trials successful: Stage 2 now under way. illus Intl Def Rev 13, No.2:275-276 '80

DAVIDSON, Bruce M.

(MajGen Bruce) Davidson heads (Reserve Forces Policy) Board. AF Times 41:6 Sep 22 '80

DAVIS, Bennie L.

Air Training Command. por AF Mag 63:74-75 May '80

Keeping our quality people. (Presentation, Daedalians Longhorn Flight Banquet, Bergstrom AFB, TX, Oct 16, 1979) Gen B.L.Davis. AF Plcy Ltr for Comdrs: Sup No.1:35-40 Jan '80

DAVIS, Ruth M.

Technology trends in communications, command, and control. Ruth M.Davis. Defense/80, pp 2-3+, Jan '80

DEAN, Clyde R.

Critical intelligence issues of the 80s. BrigGen Clyde R.Dean and others. por Signal 35:9-12+ Oct '80

DEATH see Life and Death

DEBTOR AND CREDITOR

Ex-member debtors may face bill collectors. Paul Smith. AF Times 41:2 Dec 22 '80

DECEPTION IN WARFARE

Countersurveillance. Col J.Tuck Brown, Ret. illus tab Fld Arty J 48:44-47 May-Jun '80

Independent operations. Maj-Gen L.Korzun. illus Soviet Mil Rev No.4:26-28 Apr '80

Maskirovka: Are the Russians taking us down the garden path? Scott James. illus Def Elect 12:43-44+ Aug '80

DECISION MAKING

See also

Economic Analysis
Problem Solving

Another side to C³: Computer-based information, decision and forecasting systems. Stephen J. Andriole. illus tabs Signal 34:15-22 Mar '80

'Buck stop' program should aid retention. Interview. Gen Lew Allen, Jr. illus AF Times 40:3 Jan 14 '80

Can we teach judgement? C.B.Stoddard. illus TAC Attack 20:12-14 Nov '80

DECISION MAKING - Continued

Command technology: Voennaya sistemoteknika. An algorithmic approach to decision-making. Col J. Hemsley. illus map tabs RUSI J for Def Studies 125:58-64 Sep '80

Cruise missile development: The competition is fierce--everywhere. tabs illus Govt Exec 12: 22-24+ Jan '80

Decision time: Abort! Abort! Abort! Maj Don Eye. Combat Crew 30:19 Oct '80

The decision to eject. TIG Brief 32:17-18 Sep 12 '80

Departure from incrementalism in U.S. strategic planning: The origins of NSC-68. Sam Postbrief. illus Nav War Col Rev 33:34-57 Mar-Apr '80

Designing a flexible management information system. LtCol Thomas D. Clark, Jr and Capt Douglas J. Blazer. illus Def Mgt J 16:44-48 First Quarter '80

Energy: Will the political arena survive the decision process. illus Govt Exec 12:17+ Mar '80

Estimates and fortune-telling in intelligence work. Shlomo Gazit. illus Intl Sec 4:36-56 Spring '80

Goal programming as an aid to resource management. Daniel A. Nussbaum. tabs Def Sys Mgt Rev 3:28-33 Spring '80

Initiative in battle. Col I. Tikhankov. Soviet Mil Rev No. 6:20-21 Jun '80

Is your decision cost effective? LtCol Robert L. Ryan. illus tab AF Compt 14:33+ Jan '80

Launch under attack to redress Minuteman vulnerability? Richard L. Garwin. Intl Sec 4:117-139 Winter '79/'80

Malaysian national security from the bureaucrat's eye: A preliminary analysis. Zara Dian. illus map tabs Asian Def J No. 4:8-10+ Jul-Aug '80

Navy's automated information office: Answers in seconds, not months. illus Govt Exec 12:49-50 Feb '80

On fighter instruction. Maj Gary L. Sholders. illus Aerosp Safety 36:4-7 Jun '80

Option Charlie: H-bomb in hands of extremists tests Presidential decision making process in hypothetical crisis. Col John E. Bex. illus Officer 56:28-32+ May '80

The potential benefits of nontraditional decision alternatives. Stephen R. Ruth. illus Def Mgt J 16:8-12 Third Quarter '80

Problems in numerical input for the source selection decision. Robert F. Williams. Def Sys Mgt Rev 3: 122-128 Summer '80

Programming your own computer. Robert E. Coward and William H. Nelson. TAC Attack 20:26-27 Sep '80

The rapid deployment force: Criteria and imperatives. LtGen Victor H. Krulak, Ret. illus Strat Rev 8:39-43 Spring '80

Risk: The commander's decision. LtCol Igor D. Gerhardt. illus Mil Rev 60:14-17 Aug '80

DECISION MAKING - Continued

Taking account of human resources in DOD. Maj Robert D. Skees. illus Def Mgt J 16:26-29 Second Quarter '80

Technological competence and the military commander. J. S. Przemieniecki. illus AU Rev 32:70-78 Nov-Dec '80

UK puts off Av-8B/Mk 5 Harrier choice. Intl Def Rev 13, No. 7:983 '80

Why "precision guided munitions" is plural, not singular. C. W. Borklund. illus tab Govt Exec 12: 41+ Mar '80

The will to leave equals the will to live in an ejection decision. Maj Bruce N. Cox. illus Aerosp Safety 36:12-13 Mar '80

DECKER, George H.

Gen George H. Decker, 1902-1980. por biog Army 30:13 Mar '80

DECOMPRESSION

A chamber of life. (Hyperbaric medicine treats a variety of illnesses and wounds in pressure chambers at Brooks AFB, TX) TSgt Alan Prochoroff. illus Airman 24:15-19 Sep '80

On the use of oxygen to facilitate decompression. David E. Yount and David A. Lally. tabs Aviation, Space & Envmt Med 51:544-550 Jun '80

Relation of breathing oxygen-argon gas mixtures to altitude decompression sickness. Julian P. Cooke and others. illus tabs Aviation, Space & Envmt Med 51:537-541 Jun '80

Respiratory gas exchange during positive pressure breathing and rapid decompression to simulated altitudes of 18.3 and 24.4 km. D. E. Holness and others. tabs Aviation, Space & Envmt Med 51: 454-458 May '80

Venous gas bubbles while flying with cabin altitudes of airliners or general aviation aircraft 3 hours after diving. U. I. Balldin. tabs Aviation, Space & Envmt Med 51:649-652 Jul '80

DECONTAMINATION (FROM GASES, CHEMICALS, ETC)

Cleaning up after the bomb: Peacetime perils on a Pacific atoll (Eniwetok). Claudia Nichols. illus AF Times, Times Magazine sup:4-8+ Jun 2 '80

Yellow cloud. (Survival in a chemical environment) Maj Gary E. Shumaker. illus Soldiers 35:45-47 Dec '80

DECORATIONS OF HONOR see Awards, Decorations, etcDECOYS (MILITARY)

Countersurveillance. Col J. Tuck Brown, Ret. illus tab Fld Arty J 48:44-47 May-Jun '80

DEEP SUBMERGENCE SYSTEMS PROGRAM

Deep submergence rescue vehicles. LtCol William D. Siuru, Jr. illus US Nav Inst Proc 106:104-107 Jan '80

DEFENSE (MILITARY SCIENCE) see Attack and Defense (Military Science)

DEFENSE ACTIVITY FOR NON-TRADITIONAL EDUCATIONAL SUPPORT

DANTES transcript service relocated. AF Times 40:18 Feb 18 '80

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

DARPA leads U.S. forces into the future. illus Def & For Aff 8, No.3:19-20 '80

DARPA unveils staring focal plane array. James A. Tegnolia. illus tabs Def Elect 12:101-102+ Oct '80

(Defense Advanced Research Projects Agency and its relationship to DOD) Interview. Robert R. Fossum. illus Mil Elect/Countermeasures 6:16+ Apr '80

DEFENSE CIVIL PREPAREDNESS AGENCY

Nuclear shelter plans reported 12% complete. AF Times 41:14 Sep 15 '80

DEFENSE COMMUNICATIONS AGENCY

The challenging environment of C3I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

The DCA--a rock and a hard place. (Address, AFCEA Washington Chapter, June 1980) VADM Samuel L. Gravely, Jr. illus Signal 34:7-9+ Apr '80

Inside the White House. (Military specialists operate the White House Communications Agency) MSgt David B. Drachlis. illus Airman 24:24-29 Mar '80

DEFENSE COMMUNITY SERVICE PROGRAM

Remembering the children. (Civil engineers at George AFB, CA, donate weekends to renovate a camp for crippled children) 2dLt Susan J. Laramee. illus Airman 24:28-31 Dec '80

Responding to crises: Army civic action. LtCol John Haberle. illus Soldiers 35:6-9 Sep '80

DEFENSE CONTRACTS see Contracts, Government

DEFENSE DEPT

Great Britain

Budgeting for Defence. Arthur Hockaday. tabs RUSI J for Def Studies 124:3-10 Dec '79

UK 1980/81 defense White Paper. illus Armada Intl 4:16-17 May-Jun '80

Spain

Organization

Spain and its defense organization. LtCol J. Sanchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No.9:1489-1494 '79; pt 2, The defense industry. 13, No.1:103-108 '80

United States

Arnold G. Bueter retires as Acting Assistant Secretary of the Air Force (FM). illus AF Compt 14:2 Apr '80

Charles W. Bernard, Director, Land Warfare, Office of the Under Secretary of Defense for Research and Engineering. illus Natl Def 65:5-6 Oct '80

DEFENSE DEPT - Continued

United States- Cont'd

(Congress and DOD) (Remarks, Washington Chapter, American Society of Military Comptrollers, Sep 25, 1979) Rep Jack B. Brooks. illus Armed Forces Compt 25:12-13+ Feb '80

DOD transition team will smooth the way. AF Times 41:4 Nov 24 '80

Defense Department Director of Air Warfare (Dr John R. Transue). illus Natl Def 65:7+ Dec '80

Defense highlights. Regular feature in issues of National Defense

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

Deputy Under Secretary of Defense, Research and Advanced Technology (Arden L. Bement, Jr). illus Natl Def 64:9-10 Jun '80

Gerald P. Dinneen, Assistant Secretary of Defense (Communications, Command, Control and Intelligence). illus Natl Def 64:9 Apr '80

James R. Schlesinger as Secretary of Defense. Douglas Kinnard. Nav War Col Rev 32:22-34 Nov-Dec '79

The love-hate affair between the Pentagon and the press. Lloyd Norman. illus Army 30:14-20 Feb '80

McNamara at the Pentagon. BrigGen Douglas Kinnard, Ret. illus Parameters 10:22-31 Sep '80

The Mediterranean and Pentagon plans. V. Yefremov. Soviet Mil Rev No.3:52-53 Mar '80

Melvin Laird vs Harold Brown. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 8 '80

Navy, USAF prevail--for the moment--in dispute with OSD on future of tac air. Benjamin F. Schemmer. illus Armed Forces J Intl 117:40-41 Aug '80

New AF Assistant Secretary (Joseph C. Zengerle). illus Air Reservist 32:4 Apr '80

Organizing for national security. Philip A. Odeen. Intl Sec 5:111-129 Summer '80

Partisan politics and the Pentagon. Bruce Callander. illus AF Times 41:20+ Sep 15 '80

Robert A. Moore, Deputy Under Secretary of Defense for Research and Engineering (Tactical Warfare Programs). Natl Def 65:5+ Aug '80

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 14:3 Oct '80

Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 29, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-14, Apr '80

Taking account of human resources in DOD. Maj Robert D. Skees. illus Def Mgt J 16:26-29 Second Quarter '80

DEFENSE DEPT - ContinuedUnited States - Cont'd

Transition team: Members named. AF Times 41:14
Dec 8 '80

Weinberger selected for SecDef. illus AF Times 41:4
Dec 22 '80

Why the country cannot afford OSD: A case in point--
the F-18 was not worth buying in the first place.
George A. Spangenberg. illus Armed Forces J Intl
117:17-18 Aug '80

Directories

The new policymakers on Capitol Hill. Deborah M.
Kyle. illus Armed Forces J Intl 117:14-16 Mar '80;
Update. 117:14 May '80

Organization

U.S. national defense structure. (Special almanac
issue) illus tabs maps Defense/80: entire issue
Jul '80

DEFENSE ENROLLMENT/ELIGIBILITY REPORTING
SYSTEM

DEERS (Defense Enrollment/Eligibility Reporting
System) expanding on West Coast, in Southeast.
AF Times 41:32 Dec 15 '80

DEERS (Defense Enrollment/Eligibility Reporting
System) may go overseas early. Len Famiglietti.
AF Times 41:4 Nov 17 '80

Improvement of military health care system (Defense
Enrollment/Eligibility Reporting System (DEERS))
TIG Brief 32:13-14 Nov 28 '80

A new handle on health care (DEERS, Defense Enroll-
ment Eligibility Reporting System). John Mox-
ley III. illus Defense/80, pp 16-20, Oct '80

Shift to med ID system (Defense Enrollment/Eligibil-
ity Reporting System (DEERS)) won't deny anyone
care. AF Times 41:7 Nov 3 '80

What you should know about DEERS (Defense Enroll-
ment/Eligibility Reporting System). Col A. H. Hum-
phreys. Officer 56:23 Sep '80

DEFENSE INDUSTRIAL PLANT EQUIPMENT CENTER

Machines for building the XM1. Sture B. Pierson.
illus Army Log 12:32-34 May-Jun '80

DEFENSE INTELLIGENCE SCHOOL

DIS to offer MA in strat(egic) intelligence. AF Times
41:6 Dec 1 '80

DEFENSE INVESTIGATIVE SERVICE

Having problems with slow personnel security inves-
tigations? TIG Brief 32:5-6 Nov 28 '80

Longer delays projected for security probes. AF
Times 41:18 Dec 15 '80

DEFENSE LANGUAGE INSTITUTE

DLI offers new field (foreign language training ad-
visor). AF Times 40:34 Mar 10 '80

Voice processing excellent bonus bet. AF Times 40:8
Jul 14 '80

DEFENSE LOGISTICS AGENCY

See also entries under sub-agencies, e. g.,
Defense Personnel Support Center

AFLC opposes consolidation plan. AF Times 41:32
Jul 28 '80

DLA needs help. Col William Rapp. illus Air Reser-
vist 32:10 Mar '80

DEFENSE MAPPING AGENCY

An approach to effectiveness/productivity. Joseph J.
Jablonski. illus tabs Armed Forces Compt 25:
15-17+ Nov '80

DMA--the cruise missile's silent partner. illus AF
Mag 63:60-62 Apr '80

DEFENSE MARKETS AND MARKETING see Markets and
MarketingDEFENSE OFFICER PERSONNEL MANAGEMENT
SYSTEM

Compromise DOPMA gets AF backing. John Ginovsky.
AF Times 41:7 Oct 13 '80

Compromise version DOPMA near passage. AF
Times 41:1+ Dec 1 '80

Congress OKs officer grade relief. AF Times 41:15
Sep 15 '80

DOPMA action: Panel (House Subcommittee on Mili-
tary Compensation) may eye grade tables. AF
Times 40:3 Jan 28 '80

DOPMA goes to Carter's desk. AF Times 41:4
Dec 8 '80

DOPMA moving again in compromise bill. Martha L.
Craver. AF Times 41:1+ Oct 13 '80

DOPMA: Senate approach 'short-sighted.' AF Times
40:3+ May 26 '80

Defense: No DOPMA better than Senate's (version).
AF Times 40:46 May 12 '80

Grade relief faces dilemma. John Ginovsky. AF
Times 40:3 Apr 7 '80

Grade tables: New version. Martha Lynn Craver. AF
Times 40:3 Mar 17 '80

O-3s, 4s fault Senate DOPMA. AF Times 40:3
Jul 7 '80

Retention may be leveling off. Interview. LtGen An-
drew Iosue. AF Times 41:2 Aug 18 '80

Senate DOPMA unpopular in poll. AF Times 40:4
Jun 2 '80

Two (DOPMA) bills at odds, Iosue says. Interview.
LtGen Andrew Iosue. tab AF Times 40:3 May 26 '80

DEFENSE PERSONNEL SUPPORT CENTER

Feeding the 'now' generation. MajGen Emmett W.
Bowers. illus Army Log 12:8-11 Mar-Apr '80

GAO charges DPSC (Defense Personnel Support Cen-
ter) with poor bookkeeping--millions out of control.
Paul Smith. AF Times 41:8 Dec 29 '80

Three from DPSC: National stock numbers, pricing
change, delivery specs. Review 58:39 Mar-Apr '80

DEFENSE SATELLITE COMMUNICATIONS SYSTEM

Two DOD satellites now operational. AF Times 40:35 Mar 10 '80

DEFENSE SUPPLY AGENCY see Defense Logistics AgencyDEFENSE SUPPLY ASSOCIATION see American Logistics AssociationDEFENSE SUPPRESSION

Air defense suppression in a Central European theatre. Konrad Alder. illus tabs Armada Intl 4:60-62+ Mar-Apr '80

Deep-strike interdiction. Charles E. Myers, Jr. illus US Nav Inst Proc 106:47-52 Nov '80

Green Flag now defines electronic warfare as an offensive weapon. Majs Frank A. Parker and Arthur W. Ritter. illus Def Elect 12:59-60+ Oct '80

How ASD is meeting the needs of the nineties. LtGen Lawrence A. Skantze. illus chart AF Mag 63:37-43 Oct '80

New concepts for organizing and managing fire support, 1986-2000. Col Robert S. Riley, Ret. charts Fld Arty J 48:42-47 Jan-Feb '80

Roller Coaster operations across the FEBA (Forward Edge of the Battle Area). LtCol William C. Page, Jr. illus USA Avn Dig 26:34-38 Mar '80

SEAD (Suppression of Enemy Air Defense). illus tabs Fld Arty J 48:8-18 Sep-Oct '80

SEAD (Suppression of Enemy Air Defense) and the 2-minute drill. Capt Demetrio J. Tehero. illus USA Avn Dig 26:24-27 Feb '80

DEFENSE SYSTEMS ACQUISITION REVIEW COUNCIL

Affordability--let's not make it a dirty word. RADM L.S. Kollmorgen and LCDR S.E. Briggs. tab Def Sys Mgt Rev 3:78-83 Summer '80

Alternatives for shortening the acquisition process. Maj David T. Spencer. Def Sys Mgt Rev 2:36-59, Autumn '79

Increasing emphasis on readiness in acquisition. Richard E. Biedenbender. tabs Def Sys Mgt Rev 2:99-106 Autumn '79

OMB Circular A-109 impact on new development. Dean E. Roberts. illus Def Sys Mgt Rev 2:27-35 Autumn '79

Shortening the acquisition cycle. Augie G. Martinez. Def Sys Mgt Rev 2:60-66 Autumn '79

DEFENSESSee also

Air Defenses
Civil Defense

Deterrence
Rearmament

International defense digest. Regular feature in issues of International Defense Review

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No. 2:100+ Mar-Apr '80

DEFENSES - ContinuedCosts

Budgeting for Defence. Arthur Hockaday. tabs RUSI J for Def Studies 124:3-10 Dec '79

Comparisons of defence expenditures 1975-1980. International Institute for Strategic Studies. Table only. AF Mag 63:131 Dec '80

Arab States

Defence problems in the Persian Gulf. Robert Elliot. illus tab NATO's Fifteen Nations 25:39-42 Oct-Nov '80

Asia

Role of small naval craft in Asia. Benjamin S.L. Smith. illus Asian Def J No. 2:97-98 Mar-Apr '80

Asia, Southeastern

ASEAN defence commentary. Regular feature in issues of Asian Defence Journal beginning with July-August 1980

ASEAN defence news. Regular feature in issues of Asian Defence Journal

Self-support for South East Asia's dominoes. maps Intl Def Rev 13, No. 4:463-465 '80

South East Asia air defence. AVM Stewart Menaul. illus Asian Def J No. 2:74-76 Mar-Apr '80

Australia

Australia looks ahead in defence. Gregory Copley. Def & For Aff 8:37 Oct '80

Australian defence news. Regular feature in some issues of Asian Defence Journal

Politics & defence: Australian military issues in the 1980's. Peter L. Young. illus Asian Def J No. 1: 81-84+ Jan-Feb '80

Austria

Area defence--Austria's security. Otto Roesch. illus tab NATO's Fifteen Nations 25:43-44+ Jun-Jul '80

Austrian defence. illus NATO's Fifteen Nations 24: 70-71 Oct-Nov '79

Canada

Defense strategy and military estrangement. Maj John Hasek. AU Rev 31:93-96 Sep-Oct '80

Militia north of the border: A candid view of Canada's land reserve force. Hawley L. Black. illus Natl Guard 34:8-11 Nov '80

China (People's Republic)

China--a nuclear power: Strategic posture and defence modernization. Ernst Kux. illus Armada Intl 4:106-108+ Mar-Apr '80

China defence notes. Regular feature in some issues of Asian Defence Journal

Two Chinese roads to military modernization--and a U.S. dilemma. Thomas A. Marks. illus tab Strat Rev 8:18-28 Summer '80

DEFENSES - ContinuedCuba

Cuba's expanding power potential. F.Clifton Berry, Jr. illus tabs maps AF Mag 63:43-47 Apr '80

Denmark

The Niels Juel corvette--a lesson in compact design. illus tab Intl Def Rev 13, No.4:502-503 '80

Europe, Central

Territorial defense in Central Europe. Steven L. Canby. Armed Forces & Soc 7:51-67 Fall '80

Europe, Western

The deployment of Pershing II to Europe--some implications. LtCol William K.McGill. illus Mil Rev 60:58-66 Dec '80

European defence news. Regular feature in issues of Asian Defence Journal

European headlines disturbing. LtGen Ira C.Eaker, Ret. AF Times 40:13-14 Jun 30 '80

Symposium on military strategy in Western Europe. Phillip A.Karber and others. Armed Forces & Soc 7:69-87 Fall '80

Finland

Will of the nation: Finland's defence policy. Lasse Aikäs. illus tab NATO's Fifteen Nations 25:31-33 Jun-Jul '80

France

The evolving French strategic debate. D.Bruce Marshall. illus Strat Rev 8:59-77 Spring '80

The future of the French Strategic Nuclear Force. Paul Stares. tabs Intl Sec Rev 5:231-257 Summer '80

Germany (Federal Republic)

Disarmament problems and the position of West Germany. Udo Philipp. Intl Def Rev 13, No.7:985 '80

German security policy: Position, problems, prospects. Hans Rühle. Intl Sec Rev 5:193-208 Summer '80

Great Britain

British defence notes. Regular feature in some issues of Asian Defence Journal

British security concerns in the 1980's. Martin Edmonds. Intl Sec Rev 5:209-230 Summer '80

The British Statement on Defence Estimates. illus tabs Asian Def J No.4:78+ Jul-Aug '80

Defence and the changing scene. (Fuller-Liddell Hart Memorial Lecture) Marshal Neil Cameron. RUSI J for Def Studies 125:21-28 Mar '80

A glance into the future. (Interview with British Secretary of State for Defence, Francis Pym) ACM John Barraclough. illus NATO's Fifteen Nations 25:34+ Jun-Jul '80

The political economy of UK defence expenditure. Keith Hartley and Edward Lynk. tabs RUSI J for Def Studies 125:29-34 Mar '80

Seawolf shows its teeth. Enrico delle Capre. illus Asian Def J No.2:28-30+ Mar-Apr '80

DEFENSES - ContinuedIceland

Iceland: Unique in NATO. LCDR Robert A.Fliegel. illus tab US Nav Inst Proc 106:32-37 Aug '80

India

Indian defence briefs. Regular feature in some issues of Asian Defence Journal

Japan

Economics and defense: Japan's dilemma. Col Thomas H.Harvey, Jr. illus tabs Mil Rev 60:64-70 Jun '80

Japan--economic giant and military pigmy. Dick Wilson. illus NATO's Fifteen Nations 25:25-26+ Feb-Mar '80

Japan: The reluctant superpower. Stefan Geisenheymer. illus Def Elect 12:93-94+ Feb '80

Japanese 1980 defense budget and future R&D programs. Edward C.Ezell. illus tabs Intl Def Rev 13, No.3:340-344 '80

The Japanese Self-Defense Forces, 1980--issues, policies and technology for the coming decade. Edward C.Ezell. illus tabs Intl Def Rev 13, No.2: 187-197 '80

Japan's emerging Self Defense Force. LtCol Edward M.Condra III. illus MarCor Gaz 64:53-58 Jun '80

Japan's security situation: An assessment. P.Lewis Young. illus tabs Asian Def J pt 1, Japan in a wider world. No.2:24-26+ Mar-Apr '80; pt 2, Changing realities in Japan, 1945-1952. No.3: 12-14+ May-Jun '80

Northeast Asia: The shifting balance. F.Clifton Berry, Jr. illus tabs map AF Mag 63:34-41 Jun '80

Korea

Northeast Asia: The shifting balance. F.Clifton Berry, Jr. illus tabs map AF Mag 63:34-41 Jun '80

Korea (Republic)

In Eighth U.S. Army, our eyes are on the north. Gen John A.Wickham, Jr. illus Army 30:82-88 Oct '80

Malaysia

Malaysian national security from the bureaucrat's eye: A preliminary analysis. Zara Dian. illus map tabs Asian Def J No.4:8-10+ Jul-Aug '80

Muslim World

Defence forces for the Muslim World. LtGen Arthur S.Collins, Jr. Ret. illus Islamic Def Rev 5, No.3:3-6 '80

NATO

ASRAAM--smoke without fire? illus Intl Def Rev 13, No.5:686-687 '80

Across or along: Soviet amphibious options in Northwestern Europe. (Is a joint NATO Marine Corps needed?) Alexander K.Maconochie. illus map US Nav Inst Proc 106:46-50 Apr '80

After the tank, then what? Maj Orville T.Stokes, Jr. illus Fld Arty J 48:44-49 Jul-Aug '80; Mil Rev 60: 2-12 Oct '80

DEFENSES - ContinuedNATO - Cont'd

Air power in the Central Region. AVM M.J. Armitage. illus RUSI J for Def Studies 124:33-38 Dec '79

Allies beef up forces as U.S. strength wanes. illus Sea Power 23:18-20 Aug '80

Army revitalizing mobilization plans, procedures, assets. LtGen Glenn K. Otis. illus Army 30:118-123 Oct '80

The balance in Central Europe: Reflections through the Soviet prism. LtCol Allan A. Myer. illus tabs Nav War Col Rev 33:15-43 Nov-Dec '80

The British Statement on Defence Estimates. illus tabs Asian Def J No. 4:78+ Jul-Aug '80

Challenges and uncertainty: NATO's southern flank. James Brown. illus AU Rev 31:3-16 May-Jun '80

Defence and the changing scene. (Fuller-Liddell Hart Memorial Lecture) Marshal Neil Cameron. RUSI J for Def Studies 125:21-28 Mar '80

Defence philosophy. ACM Peter Le Cheminant. RUSI J for DEF Studies 125:9-13 Jun '80

Defending Europe against a conventional attack. Kenneth J. Coffey. illus tabs AU Rev 31:47-59 Jan-Feb '80

The deployment of Pershing II to Europe--some implications. LtCol William K. McGill. illus Mil Rev 60:58-66 Dec '80

Disarmament problems and the position of West Germany. Udo Philipp. Intl Def Rev 13, No. 7:985 '80

Does NATO have a future? Walter F. Hahn. Intl Sec Rev 5:151-172 Summer '80

France 1940 and the NATO Center 1980: A disquieting comparison. Jeffrey Record. illus tabs Strat Rev 8:67-74 Summer '80

A glance into the future. (Interview with British Secretary of State for Defence, Francis Pym) ACM John Barraclough. illus NATO's Fifteen Nations 25:34+ Jun-Jul '80

Implementing NATO systems/projects. (Address, AFCEA NATO Brussels Symposium, Oct 1980) Joseph M.A.H. Luns. illus Signal 35:27-28 Dec '80

The impossible task--defense without relevant strategy. LtCol Wolfgang W. E. Samuel. illus AU Rev 31:15-28 Mar-Apr '80

JCS Chairman (Gen David C. Jones) sums it all up: Challenges of a changing world. (Testimony, House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. illus tabs Armed Forces J Intl 117: 8-11 Mar '80

NATO strategy under discussion in Bonn. Udo Philipp. illus maps Intl Def Rev 13, No. 9:1367-1371 '80

NATO theater nuclear modernization. Joseph D. Douglass. Intl Sec Rev 5:57-71 Spring '80

The North German Plain attack scenario: Threat or illusion? Gen James H. Polk, Ret. illus Strat Rev 8:60-66 Summer '80

DEFENSES - ContinuedNATO - Cont'd

Operations in the enemy rear--Soviet doctrine and tactics. C.N. Donnelly. illus Intl Def Rev 13, No. 1:35-41 '80

Pentagon's "Eurostrategy" plans. V. Kuznetsov. Soviet Mil Rev No. 2:53-54 Feb '80

Polaris successor. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, April 30, 1980) illus RUSI J for Def Studies 125: 16-26 Sep '80

The Royal Navy. Adm James Eberle. illus US Nav Inst Proc 106:26-31 Aug '80

Some current C³I concepts and programs. Gowri S. Sundaram. illus Intl Def Rev 13, No. 7: 1036-1042 '80

Some strategic implications of fighting outnumbered on the NATO battlefield. Col William O. Staudenmaier. illus Mil Rev 60:38-50 May '80

Soviet tactics for overcoming NATO antitank defenses. C.N. Donnelly. (Reprinted from International Defense Review, No. 7, 1979) Infantry pt 1, 70:20-26 Sep-Oct '80; pt 2, 70:16-23 Nov-Dec '80

Strategic factors affecting the defence by NATO of Western Europe: A reappraisal. LtCol D.M.O. Miller. RUSI J for Def Studies 125:37-43 Sep '80

Territorial defense in Central Europe. Steven L. Canby. Armed Forces & Soc 7:51-67 Fall '80

The trouble with NATO. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 23 '80; Natl Def 65:38 Oct '80

Costs

Indices of NATO defence expenditure, current and constant prices. International Institute for Strategic Studies. Table only. AF Mag 63:130 Dec '80

Netherlands

The M-class frigate. Capt F. de Blocq van Kuffeler, Ret. illus tab Intl Def Rev 13, No. 4:504-506 '80

Norway

Svalbard: Flashpoint of the far North? Thomas Ries. illus maps Intl Def Rev 13, No. 3:335-339 '80

Portugal

Defence related economic co-operation and assistance within the Alliance. Rainer W. Rupp. illus tab NATO's Fifteen Nations 25:61-62+ Jun-Jul '80

Rumania

Defense and mass mobilization in Romania. David P. Burke. Armed Forces & Soc 7:31-49 Fall '80

Russia

American strength, Soviet weakness. tabs Def Monitor 9: entire issue Jun '80

Disarmament problems and the position of West Germany. Udo Philipp. Intl Def Rev 13, No. 7:985 '80

JCS Chairman (Gen David C. Jones) sums it all up: Challenges of a changing world. (Testimony, House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. illus tabs Armed Forces J Intl 117: 8-11 Mar '80

DEFENSES - ContinuedRussia - Cont'd

Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No.8: entire issue '80

The rationale for the development of Soviet seapower. Michael McGwire. illus map US Nav Inst Proc 106:154-183 May '80

The Soviet defense establishment in the '80s. William T. Lee. illus tabs AF Mag 63:100-108 Mar '80

The Soviet ground forces. Col Daniel K. Malone. illus NATO's Fifteen Nations 25:46-48+ Oct-Nov '80

Soviet military report. Regular feature in some issues of Defense & Foreign Affairs

Svalbard: Flashpoint of the far North? Thomas Ries. illus maps Intl Def Rev 13, No.3:335-339 '80

The U.S. learns the final score: The SALT II debate and the strategic balance. Justin Galen. tabs Armed Forces J Intl 118:52-53+ Oct '80

Costs

Are the Soviets really outspending the U.S. on defense? Franklyn D. Holzman. tabs Intl Sec 4:86-104 Spring '80

Moscow's goal is military superiority. Edgar Ulsamer. tabs AF Mag 63:42-52 Mar '80

Soviet defence expenditure. International Institute for Strategic Studies. tab AF Mag 63:70 Dec '80

Two simple curves behind the push for more defense spending. tabs Armed Forces J Intl 117:25+ Aug '80

Saudi Arabia

Saudi Arabia: A political and strategic assessment. P. Lewis Young. illus map Asian Def J pt 1, No.4: 36+ Jul-Aug '80; pt 2, No.5:47-48+ Sep-Oct '80

South Africa (Republic)

The South African Defence Force. Col Norman L. Dodd, Ret. illus RUSI J for Def Studies 125:39-43 Mar '80

Spain

Spain and its defense organization. LtCol J. Sánchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No.9:1489-1494 '79; pt 2, The defense industry. 13, No.1:103-108 '80

Sweden

Independence and self-determination (for Sweden). Eric Krönmark. illus tab NATO's Fifteen Nations 25:24-25+ Jun-Jul '80

The naval defense of Sweden in the 1980s. John B. Hattendorf. illus map tab Nav War Col Rev 33:22-34 Jan-Feb '80

Switzerland

The militia forces of Switzerland. G. A. Chevallaz. illus tab NATO's Fifteen Nations 25:18+ Jun-Jul '80

Reflections on the defense concept of Switzerland. Gen Frank Seethaler. illus tab Armada Intl 4:20+ Jul-Aug '80

DEFENSES - ContinuedSwitzerland - Cont'd

Swiss military infrastructure. Konrad Alder. illus Armada Intl 4:28+ Jul-Aug '80

Third World

Nuclear proliferation in the Third World--problems and prospects for the 1980s. Theodor H. Winkler. illus tabs Intl Def Rev 13, No.2:198-204 '80

Turkey

Defence related economic co-operation and assistance within the Alliance. Rainer W. Rupp. illus tab NATO's Fifteen Nations 25:61-62+ Jun-Jul '80

United States

AFA Convention address. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Nov '80

AFA policy paper: Force modernization and R&D. AF Mag 63:71-75 Nov '80

Air Force priorities. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Nov '80

Air Force research and development programs. (Presentation, Subcommittee on Research and Development, House Armed Services Committee, Washington, March 4, 1980) Robert J. Hermann. AF Plcy Ltr for Comdrs: Sup, pp 28-33, Jun '80

Airpower and national defense. (Presentation, First State Flight of the Order of Daedalians, Dover AFB, DE, June 6, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 10-14, Aug '80

American strength, Soviet weakness. tabs Def Monitor 9: entire issue Jun '80

America's soft underbelly: Central America and the Caribbean. John J. Tierney. illus Sea Power 23: 14-16 Jun '80

Analysts call U.S. strength inadequate to meet threat. John Ginovsky. AF Times 41:12 Jul 28 '80

Appeasement policies have not reaped rewards of peace and cooperation. (Remarks, Army Section, ROA National Council, Washington, Feb 1980) Rep Floyd D. Spence. illus Officer 56:14-16 May '80

Carter faulted on national defense ad. AF Times 41: 41 Oct 20 '80

A countervailing strategic strategy. Harold Brown. illus Defense/80, pp 2-9, Oct '80

Critical defense issues. LtGen Ira C. Eaker, Ret. AF Times 41:19+ Oct 6 '80

The dangerous decade. (Presentation, Commonwealth Club Luncheon, San Francisco, Jan 18, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Jun '80

Dawn of a new strategic era? Edgar Ulsamer. AF Mag 63:49-54 May '80

Defense dialogue: Views of the (1980) presidential challengers. Parameters 10:71-90 Mar '80

DEFENSES - ContinuedUnited States - Cont'd

- Defense highlights. Regular feature in issues of National Defense
- The FY 1981-85 defense program: Is a trillion dollars enough? Lawrence J. Korb. illus tabs Nav War Col Rev 33:3-16 Mar-Apr '80
- (Harold) Brown's Posture Statement. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Mar 10 '80
- House panel (Armed Services Subcommittee on Investigations) calls Brown on 'leaks.' AF Times 41:12 Sep 8 '80
- In defense of defense. Sen Nancy Landon Kassebaum. illus tabs Def Mgt J 16:38-42 Second Quarter '80
- In focus. Regular feature in issues of Air Force Magazine
- JCS Chairman (Gen David C. Jones) sums it all up: Challenges of a changing world. (Testimony, House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. illus tabs Armed Forces J Intl 117: 8-11 Mar '80
- M-X--the full perspective. Seymour L. Zeiberg. illus Defense/80, entire issue, Sep '80
- A Military Posture for the 1980s. (Statement before House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. illus Defense/80, pp 17-24, Apr '80
- The most invisible airplane. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 15 '80
- NE-Midwest group wants more defense. AF Times 41:2 Sep 1 '80
- National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80
- New challenge in defense: Affordability. John R. Transue. Natl Def 65:30-31+ Dec '80
- The 1981 defense budget increase. Herschel Kanter. illus tabs Strat Rev 8:17-29 Spring '80
- The 1979 defense year in review. L. Edgar Prina. illus Sea Power 22:30+ Dec '79
- Pacific Air Forces: A forward defense strategy. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen James D. Hughes. AF Plcy Ltr for Comdrs: Sup No. 2:14-23 Feb '80
- Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No. 8; entire issue '80
- The "people" side of strategic deterrence: Why the draft won't solve the problem either. Govt Exec 12:22-24 Mar '80
- A post-detente strategy for the United States. Sen Henry M. Jackson. illus Strat Rev 8:11-16 Spring '80
- Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 3:2-35 Mar '80

DEFENSES - ContinuedUnited States - Cont'd

- The role of the Marine Corps in today's U.S. defense strategy. 2dLt Michael A. Gay. illus MarCor Gaz 64:54-58 Jan '80
- SAC looks at the '80s. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 2:24-30 Feb '80
- The search for U.S. bases in the Indian Ocean: A last chance. ADM Thomas H. Moorer, Ret and Alvin J. Cottrell. illus map Strat Rev 8:30-38 Spring '80
- Some current C³I concepts and programs. Gowri S. Sundaram. illus Intl Def Rev 13, No. 7: 1036-1042 '80
- 'Stealth' aircraft invisible to radar (Def Sec Brown has announced). AF Times 41:12 Sep 8 '80
- Strategic military balance. Harold Brown. (Reprinted from Asia-Pacific Defense Forum, Spring 1980) illus Asian Def J No. 5:131+ Sep-Oct '80
- Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 29, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-14, Apr '80
- The tragicomedy of arms trade control. Richard K. Betts. Intl Sec 5:80-110 Summer '80
- The U.S. learns the final score: The SALT II debate and the strategic balance. Justin Galen. tabs Armed Forces J Intl 118:52-53+ Oct '80
- U.S. Military Posture. (Presentation, House Armed Services Committee, Washington, Jan 29, 1980) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup, pp 15-23, Apr '80
- U.S. military report. Regular feature in some issues of Defense & Foreign Affairs
- U.S. national defense structure. (Special almanac issue) illus tabs maps Defense/80: entire issue Jul '80
- U.S. security interests in the South Pacific. Elliott Hurwitz. map Asian Def J No. 5:129-130 Sep-Oct '80
- U.S. strategic nuclear policy. (Presentation, Naval War College, Aug 20, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Oct '80
- Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80
- World realities and the M-X. (Presentation, Clovis, NM, Chamber of Commerce, Sep 12, 1980) Joe F. Meis. AF Plcy Ltr for Comdrs: Sup, pp 27-36, Nov '80

Costs

- Are the Soviets really outspending the U.S. on defense? Franklyn D. Holzman. tabs Intl Sec 4:86-104 Spring '80
- Muskie sees \$1 trillion in outlays in 5 years. AF Times 41:10 Oct 13 '80

DEFENSES - ContinuedUnited States - Cont'dCosts - Cont'd

Two simple curves behind the push for more defense spending. tabs Armed Forces J Intl 117:25+ Aug '80

Warsaw Pact

JCS Chairman (Gen David C. Jones) sums it all up: Challenges of a changing world. (Testimony, House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. illus tabs Armed Forces J Intl 117: 8-11 Mar '80

The Warsaw Pact--military exercises and military interventions. Christopher Jones. tabs Armed Forces & Soc 7:5-30 Fall '80

Yugoslavia

Yugoslav security after Tito. Phillip A. Karber and Jon L. Lellenberg. illus Strat Rev 8:44-58 Spring '80

DEFOLIATION

AF bows to criticism, won't do (Herbicide) Orange study. AF Times 40:26 May 26 '80

Ex-Ranch Hand volunteers needed for 'Orange' study. AF Times 41:40 Nov 3 '80

'Orange' firms say government failed to warn. AF Times 40:45 Feb 18 '80

'Orange' memo upsetting. AF Times 40:13 Apr 14 '80

'Outside' scientists monitor Agent Orange study. AF Times 41:9 Oct 6 '80

The Ranch Hand health effects study. (Presentation, Subcommittee on Medical Facilities and Benefits, House Veterans Affairs Committee, Washington, Sep 16, 1980) LtGen Paul W. Myers. AF Plcy Ltr for Comdrs: Sup, pp 37-39, Nov '80

VA's Agent Orange dilemma. Ed Gates. AF Mag 63: 91 Aug '80

DEGREES, ACADEMIC

If degrees carried points ... Bruce Callander. AF Times 40:4+ Jan 28 '80

Off-duty education pays off. SSgt Jim Boersema. illus tab Soldiers 35:50-52 Mar '80

DELAUNE, Elton J., Jr

Managing DARCOM (Army Materiel Development and Readiness Command). MajGen Elton J. Delaune, Jr. Army Log 12:2-5 May-Jun '80

DEMONSTRATIONS (PROTEST)

160 women imprisoned for march on Pentagon. Laurie Parker. illus AF Times 41:10 Dec 1 '80

The siege of the MEDE (Military Electronics Defense Expo) site. Robert Heck. illus Armada Intl 4:60+ Sep-Oct '80

DENTAL CARE

CHAMPUS dental plan approved by House. Martha Lynn Craver. AF Times 41:1+ Oct 20 '80

DENTAL CARE - Continued

(Dental) care--boon to lower EM. Paul Smith. tab AF Times 40:22 Jun 9 '80

Dental emergency treatment. TIG Brief 32:12 Jan 11 '80

Dental plan 'OK,' but not eye care. AF Times 41:16 Oct 20 '80

Hypertension screening/annual dental examination. TIG Brief 32:15 Feb 8 '80

Kin dental care at 72 bases. AF Times 41:45 Aug 18 '80

Nunn-Warner, dental plan get Carter okay. AF Times 40:1+ Jun 9 '80

Officials ask dental care for CONUS kin. AF Times 40:1+ Jun 30 '80

Panel (House Armed Services Committee) OKs CHAMPUS dental bill--full House to consider expanded plan. AF Times 41:3 Oct 6 '80

Panel (House Armed Services Subcommittee on Military Personnel) OKs expanded kin dental care. tab AF Times 41:3 Sep 29 '80

Panel (Senate Armed Services Subcommittee on Manpower and Personnel) tables dental CHAMPUS till next year. Martha Lynn Craver. AF Times 41:18 Dec 8 '80

Revised CHAMPUS dental plan. AF Times 41:7 Aug 18 '80

Tac-tooth-cal drills. Mary Storms. illus Soldiers 35:50-51 Apr '80

Top AF dentist supports new CHAMPUS plan. Interview. BrigGen Stanley C. Kolodny. AF Times 41:28 Nov 17 '80

DENTAL CORPSAir Force

Dental materiel management. TIG Brief 32:13 Jan 11 '80

Dental precious metals management. TIG Brief 32:6 Jun 27 '80

1500 dentists to train as emergency medics. Interview. BrigGen Stanley C. Kolodny. AF Times 41:8 Nov 10 '80

Occupational safety and health in USAF dental clinics. TIG Brief 32:11 Jan 11 '80

The role of dental Cost Center Managers (CCM) in fiscal management. TIG Brief 32:7 Aug 8 '80

Army

Tac-tooth-cal drills. Mary Storms. illus Soldiers 35:50-51 Apr '80

DEPENDENCY AND INDEMNITY COMPENSATION see Survivors Rights and Benefits

DEPENDENTS, MILITARYSee also

Children, Military
Wives, Military

AFC eyes base OK of parent kin status. Don Mace. AF Times 41:39 Sep 22 '80

DEPENDENTS, MILITARY - Continued

Are you eligible for CHAMPUS? illus Sergeants 18:13 Oct '80

CHAMPUS boosts handicapped care. AF Times 41:3 Oct 13 '80

CHAMPUS dental plan approved by House. Martha Lynn Craver. AF Times 41:1+ Oct 20 '80

CHAMPUS: Is the mess a myth? John Moxley III. illus tabs Defense/80, pp 2-11, May '80

Ceiling on kin (overseas) a hardship. AF Times 40:10 Mar 10 '80

Combat casualties who remain at home. Edna J. Hunter. illus Mil Rev 60:28-36 Jan '80

DOD statistics: Pregnancy most common reason for hospitalization. AF Times 41:4 Nov 10 '80

Dependent care responsibilities. TIG Brief 32:11-12 May 2 '80

Dependent data. TIG Brief 32:12 May 16 '80

Garnishment: Relief only through state courts. AF Times 40:4 Jun 23 '80

Kin dental care at 72 bases. AF Times 41:45 Aug 18 '80

Living and family patterns in the Air Force. Ch(MajGen) Richard Carr and others. illus AU Rev 31:75-86 Jan-Feb '80

Many marriages under stress, but 'quality' still high. Don Mace. AF Times 41:1+ Sep 22 '80

New office (Assistant for AF Family Matters) coordinates family issues. Don Mace. AF Times 41:2 Aug 11 '80

'74 'job act' (Comprehensive Employment and Training Act) may help kin in low-income families. AF Times 40:24 Jul 7 '80

Officials ask dental care for CONUS kin. AF Times 40:1+ Jun 30 '80

Panel (House Armed Services Committee) OKs CHAMPUS dental bill--full House to consider expanded plan. AF Times 41:3 Oct 6 '80

Panel (House Armed Services Subcommittee on Military Personnel) OKs expanded kin dental care. tab AF Times 41:3 Sep 29 '80

Panel (Senate Armed Services Subcommittee on Manpower and Personnel) tables dental CHAMPUS till next year. Martha Lynn Craver. AF Times 41:18 Dec 8 '80

Philippines requires kin entry visas. AF Times 41:13 Aug 25 '80

Pirie questions o'seas kin ceiling. Andy Plattner. AF Times 40:2 Jan 14 '80

Plan for tomorrow ... Helen Kay Ellsworth. tabs Soldiers 35:50-52 Jul '80

Sole parent soldiers--a delicate balance. SP5 Linda D.Kozaryn. illus Soldiers 35:18-22 Oct '80

Somewhere to turn. MSgt David B.Drachlis. illus Airman 24:30-34 Mar '80

DEPENDENTS, MILITARY - Continued

Support centers for kin, INTRO (Individualized Newcomer Treatment and Orientation) expansion pushed. AF Times 41:14 Oct 20 '80

Top AF dentist supports new CHAMPUS plan. Interview. BrigGen Stanley C.Kolodny. AF Times 41:28 Nov 17 '80

What you should know about DEERS (Defense Enrollment/Eligibility Reporting System). Col A.H.Humphreys. Officer 56:23 Sep '80

Who will take care of the kids when the war starts? TIG Brief 31:10 Dec 21 '79

Women denied husband (health) care get break. AF Times 41:2 Jul 28 '80

DEPLOYMENTSee also

Rapid Deployment Force

Fast troops. LtCol Burton S.Boudinot, Ret. illus Armor 89:30-35 Sep-Oct '80

Western military capability in the Middle East. AM Frederick Sowrey. illus map NATO's Fifteen Nations 25:28-30+ Oct-Nov '80

Air Force

Airlift utilization. TIG Brief 32:6 May 16 '80

Basing the A-10 in Europe--strategic and mobility problems. Col Orin C.Patton and Maj Kenneth W. Engle. illus AU Rev 31:82-85 Mar-Apr '80

Close Look II. Capt James P.Coe. illus MAC Flyer 27:20-23 Jun '80

A dispersal concept for future V/STOL aircraft in RAF Germany. WgComdr J.S.Jones. Hawk No.40: 39-45 Feb '80

Estimating aircraft utilization rates. Robert L. Stowell. Log Spectrum 14:16-19 Spring '80

"Pease Tower, Zoom flight is number 1." (First deployment of fully configured F-16s to Europe) LtCols Tuck McAtee and Loren E. Timm. illus USAF Ftr Wpns Rev, pp 2-13, Summer '80

The waiting game. (Aviano AB, Italy, prepares for dual based squadrons arriving for NATO exercises) Capt Katie Cutler. illus Airman 24:30-33 Nov '80

History

Fox Able One--the first transatlantic jet deployment (July 1948). Col Frank W.Klibbe, Ret. illus map AF Mag 63:72-80 Oct '80

Armed Forces

The Airborne/Air Force team--spearhead for rapid deployment. William P.Schlitz. illus AF Mag 63: 38-45 Feb '80

Cooperation means mission accomplishment. illus Def Trans J 36:4-7+ Feb '80

Defending Europe against a conventional attack. Kenneth J.Coffey. illus tabs AU Rev 31:47-59 Jan-Feb '80

Eligible Receiver II. illus Soldiers 35:6-10 Apr '80

DEPLOYMENT - ContinuedArmed Forces - Cont'd

- The grim lessons of Nifty Nugget. John J. Flakla. illus Army 30:14-18 Apr '80
- Joint Deployment Agency goes to work. Allan R. Scholin. illus chart AF Mag 63:50-54 Jan '80
- The logistics challenges of deploying a CONUS joint task force. Maj Stephen G. Crane. illus tab AF J Log 4:13-18 Fall '80
- The Marine Corps as a rapid deployment force. LtCol David A. Quinlan. illus map MarCor Gaz 64:32-40 Mar '80
- Military transport aviation in NATO's plans. Maj-Gen M. Belov. Soviet Mil Rev No. 10:39-40 Oct '80
- 'Mystery Battalion' moves out (in Exercise Eligible Receiver II). LtCol Albert G. Folcher, Jr and Maj Michael A. Andrews. illus Army 30:26-29 Feb '80
- The rapid deployment force: Criteria and imperatives. LtGen Victor H. Krulak. Ret. illus Strat Rev 8:39-43 Spring '80
- The search for U.S. bases in the Indian Ocean: A last chance. ADM Thomas H. Moorer, Ret and Alvin J. Cottrell. illus map Strat Rev 8:30-38 Spring '80

Army

- Autumn Safari logistics. LtCol Fred C. Cheatam. illus tabs Armor 89:30-35 Mar-Apr '80
- Boston Reserve unit scores success (in Emergency Deployment Readiness Exercise (EDRE)). Frank K. Costa. illus Translog 11:10-13 Jul '80
- Crusader '80. Christian Eliot. illus NATO's Fifteen Nations 25:84 Oct-Nov '80
- Operation Northern Leap: The flight. Capt Stephen H. Gilbertson. illus map tab USA Avn Dig 26:6-10 Mar '80
- Operation Northern Leap: 20/20 hindsight. (Self-deploying CH-47s to Europe) Maj Richard Heehn. illus USA Avn Dig 26:2-5 Mar '80
- The railroad and deployment. Capt Bruce P. Schoch. illus Translog 11:7-9 Aug '80
- Reforger 80: Deployment from Beaumont (TX). Frank K. Costa. illus Translog 11: inside front cover Sep '80

Marine Corps

- Marine air operations in northern Europe. Maj Robert J. O'Rourke. illus tab US Nav Inst Proc 106: 53-59 Nov '80

National Guard--Air Force

- Coronet Bridle: Duluth's 148th Tactical Recon Group deploys to Germany. TSgt Dick Palmer. illus Natl Guard 34:14-16 Apr '80

- 'Merhaba' Merzifon. MSgt Janet A. Wright. illus Air Reservist 32:10-11 May '80

Reserve Forces--Air Force

- In the 'Bear's' shadow. (Air Reservists in Norway) SrAmn Charles B. Morley. illus Air Reservist 33: 14-15 Nov '80
- A touch of CL(a)SS (Combat Logistics Support Squadron). illus Air Reservist 32:6-7 May '80

DEPOTS, SUPPLYArmy

- A "new" tank on the block. Cathy Hardman and Bob Black. illus Armor 89:13-15 Sep-Oct '80
- Realistic training for Reservists--Sharpe Army Depot staff feature. Translog 11:8-9 Oct '80

DEPUY, William E.

- FM 100-5 revisited. Gen William E. DePuy, Ret. Army 30:12-17 Nov '80
- 'One-up and two-back'? Gen William E. DePuy, Ret. Army 30:20-25 Jan '80

DESERT OPERATIONS

- 2d Armored Division: Aviation in the desert. 1stLt David Vogels. illus USA Avn Dig 26:4-6 Sep '80
- Desert Fire. 1stLt David Vogels. illus Soldiers 35: 6-10 Feb '80
- In deserts and mountains. Col Z. Shutov. map Soviet Mil Rev No. 11:41-43 Nov '80

Study and Teaching

- An enveloping detachment in a desert. Col V. Grinyov. illus Soviet Mil Rev No. 1:16-17 Jan '80

DESERTION, MILITARY

- Why men deserted from the eighteenth-century British Army. Arthur N. Gilbert. Armed Forces & Soc 6: 553-567 Summer '80

DESIGN TO COST CONCEPT see Cost ControlDESTROYERS

- CNR's Wadi-class corvette and its derivatives. R.J.L. Dicker. illus tab Intl Def Rev 13, No. 2: 235-238 '80
- Europe's frigates: Built for NATO, for sale to the world. Manuel Ramirez Gabarras. illus tabs NATO's Fifteen Nations 25:54+ Oct-Nov '80
- First Soviet nuclear-powered cruiser and new guided missile destroyer at sea. Benjamin F. Schemmer. illus Armed Forces J Intl 118:24+ Nov '80
- Frigates rule the oceans of the eighties. Joseph Fama. illus Def & For Aff 8:6-9+ Aug '80
- Future frigate procurement--a joint American/European proposal. R.J.L. Dicker. illus Intl Def Rev 13, No. 4:500-501 '80
- Kidd-class destroyers to join the fleet. CAPT A.M. Osborne. illus US Nav Inst Proc 106:96-98 Jan '80
- The M-class frigate. Capt F. de Blocq van Kuffeler, Ret. illus tab Intl Def Rev 13, No. 4:504-506 '80
- Multi-purpose weapon system--Frigate Class F-122. Egbert Thomer. tab NATO's Fifteen Nations 24: 106 Oct-Nov '79
- NATO and Soviet naval design practice--eight frigates compared. Capt J.W. Kehoe and others. illus tabs Intl Def Rev 13, No. 7:1003-1010 '80

- The Niels Juel corvette--a lesson in compact design. illus tab Intl Def Rev 13, No. 4:502-503 '80

- Norway's new armed coastguard vessels. Derek Wood. illus tab Intl Def Rev 13, No. 8:1213-1215 '80

DESTROYERS - Continued

- The Royal Navy's Type 22 frigate. R.B. Pengelley. illus tab Intl Def Rev 13, No.1:70-74 '80
- Second Mk 9 corvette for Nigeria. illus tab Intl Def Rev 13, No.5:690 '80
- The U.S. Navy: Frigates. Norman Polmar. illus tab US Nav Inst Proc 106:118-119 Jul '80

DETECTION EQUIPMENT

- Advances in target acquisition and missile guidance. John S. Phillip. illus Asian Def J No.3:56+ May-Jun '80
- DARPA unveils staring focal plane array. James A. Tegnolia. illus tabs Def Elect 12:101-102+ Oct '80
- DFWES (Direct Fire Weapons Effects Simulation)--a new helicopter anti-tank simulation system. illus Intl Def Rev 13, No.2:257-258 '80
- Internal security equipment survey. illus Intl Def Rev 13, No.8:1261-1266 '80
- MIN (Mine Identification and Neutralization)--the Italian Navy's mine disposal vehicle. R.J.L. Dicker. illus tab Intl Def Rev 13, No.3:377-378 '80
- Maritime air patrol versus the submarine. AVM G.C. Cairns. illus NATO's Fifteen Nations 25:57-59 Apr-May '80
- NIS (NATO Identification System)--a new identification system for NATO. Dan Boyle. illus Intl Def Rev 13, No.3:351+ '80
- RDSS (Rapidly Deployable Surveillance System): New ASW system that will use air-droppable sensors. illus Def Elect 12:33 Aug '80
- REMBASS (REmotely Monitored Battlefield Sensor System)--the U.S. Army's new battlefield sensor system. Gowri S. Sundaram. illus tabs Intl Def Rev 13, No.4:531-535 '80
- Radars for low-level target acquisition. illus Armada Intl 4:38+ May-Jun '80
- SACLANT Antisubmarine Warfare Research Centre. Basil W. Lythall. illus NATO's Fifteen Nations 25:60-62 Apr-May '80
- Sea Searcher contract. illus Asian Def J No.3:132-133 May-Jun '80
- Smoke detectors. TIG Brief 32:15 Jun 27 '80
- Thermal imaging common modules programs hit heavy weather. Mark Hewish. illus Intl Def Rev 13, No.9:1468-1470 '80
- USAF millimetre-wave seeker developments. Albert N. DiSalvio. illus Intl Def Rev 13, No.1:42-46 '80
- Why one's strengths are another's weaknesses in the PGM match-up. tabs Govt Exec 12:22+ Apr '80

DETENTE

- America and Europe after Afghanistan. Gregory F. Treverton. illus NATO's Fifteen Nations 25:27-28+ Apr-May '80
- The death of detente? Dimitri K. Simes. Intl Sec 5:3-25 Summer '80

DETENTE - Continued

- The debate over detente. Dan Caldwell. Armed Forces & Soc 7:165-170 Fall '80
- Lasting peace and reliable security for Europe. V. Yefremov. Soviet Mil Rev No.7:52-53 Jul '80
- NATO, nuclear weapons, and the death of detente. tabs Def Monitor 9: entire issue Mar '80
- A post-detente strategy for the United States. Sen Henry M. Jackson. illus Strat Rev 8:11-16 Spring '80
- Prospects for peace in the nuclear world. Arthur J. Vidich. J Pol & Mil Sociol 8:85-97 Spring '80
- Soviet perceptions of the American political milieu. Daniel S. Papp. illus Parameters 10:69-78 Jun '80
- The "Soviet threat"--the lie of the century. Lt-Col V. Amelchenko. Soviet Mil Rev No.1:47-49 Jan '80
- The widening focus: Security problems of the eighties. Rolf Friedemann Pauls. illus NATO's Fifteen Nations 25:18-20+ Oct-Nov '80

DETERRENCE

- American power and the survival of the West. James R. Schlesinger. illus Parameters 10:19-25 Jun '80
- Can a Third World War be prevented? Carl-Friedrich von Weizsäcker. Intl Sec 5:198-205 Summer '80
- The capabilities of the American nuclear deterrent 1945-1950. Stephen M. Millett. illus Aerosp Hist 27:27-32 Mar '80
- The case for continental air defense. MajGen R. Russell Barber, Ret. illus Parameters 10:20-23 Mar '80
- The challenge of the '80s. (Presentation, Fall Planning Conference, Air Force Section, Reserve Officers Assoc, Louisville, KY, Oct 27, 1979) LtGen Abbott C. Greenleaf. AF Policy Ltr for Comdrs: Sup No.1:26-34 Jan '80
- Confrontation in the Middle East. Gen Hamilton H. Howze, Ret. illus map Army 30:22-26 Aug '80
- A countervailing strategic strategy. Harold Brown. illus Defense/80, pp 2-9, Oct '80
- Dawn of a new strategic era? Edgar Ulsamer. AF Mag 63:49-54 May '80
- Deterrence and disuse: Some thoughts on the problem of maintaining volunteer forces. Jonathan Alford. Armed Forces & Soc 6:247-256 Winter '80
- Deterrence and open space. Stefan T. Possony. illus Def & For Aff 8, No.2:28-31+ '80
- Deterrence and the arms race: The impotence of power. Jacek Kugler and A.F.K. Organski. illus tabs Intl Sec 4:105-138 Spring '80
- The deterrent effect of strategic aircraft. LtCol Ronald K. Sable. illus Def Trans J 36:42-44+ Sep '80
- The evolving French strategic debate. D. Bruce Marshall. illus Strat Rev 8:59-77 Spring '80
- Global threats and trans-Atlantic allies. Gregory F. Treverton. Intl Sec 5:142-158 Fall '80
- In Eighth U.S. Army, our eyes are on the north. Gen John A. Wickham, Jr. illus Army 30:82-88 Oct '80

DETERRENCE - Continued

- Ivan the terrifying? GpCapt R.A. Mason. Hawk No.40 35-38 Feb '80
- The M-X: Critical need for the United States. (Presentation, Orange County World Affairs Council, Santa Ana, CA, April 9, 1980) BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup, pp 9-15, Jun '80
- The MX missile and the U.S. strategic deterrent. Hy Kaplan. illus Sergeants 18:24-27 Feb '80
- M-X weapon system ... an essential element of strategic deterrence. LtCol Thomas L. Bozarth. illus AF Engrg & Svcs Qtr 21:3-6 May '80
- The moral dilemma of nuclear deterrence. Stephen M. Millett. illus Parameters 10:33-38 Mar '80
- The moral dimensions of tactical nuclear weapons in Europe. LtCol Philip W. Dyer. illus Parameters 10:44-50 Jun '80
- Navy: Can the deeds match the words? Interview. Edward Hidalgo. illus Govt Exec 12:12+ Jan '80
- New defense horizons: Changing strategies for a changing world. (Concluding report on AFA Symposium, Los Angeles, Oct 26, 1979) Edgar Ulsamer. illus AF Mag 63:60-65 Feb '80
- Political sufficiency of nuclear forces. LtCol Robert W. Chandler. illus AU Rev 31:61-69 Sep-Oct '80
- Principles of deterrence. Col John M. Collins, Ret. illus tabs AU Rev 31:17-26 Nov-Dec '79; Comments. LtCol Michael B. Seaton and others. 31:77-84 Jul-Aug '80
- Reassessing the strategic balance. Richard Burt. Intl Sec 5:37-52 Summer '80
- The Royal Navy 1980. Col N.L. Dodd. illus Asian Def J No.3:114-116+ May-Jun '80
- The Royal Thai Navy's Ratcharit-class. Enrico delle Capre. illus tabs Asian Def J No.5:83+ Sep-Oct '80
- SAC looks at the '80s. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No.2:24-30 Feb '80
- The Soviet strategic nuclear advantage and how to eliminate it. John F. Lehman. Intl Sec Rev 5:271-285 Fall '80
- Strategic factors affecting the defence by NATO of Western Europe: A reappraisal. LtCol D.M.O. Miller. RUSI J for Def Studies 125:37-43 Sep '80
- Strategic military balance. Harold Brown. (Reprinted from Asia-Pacific Defense Forum, Spring 1980) illus Asian Def J No.5:131+ Sep-Oct '80
- The strategic triad in the '80s. (Presentation, National Security Industrial Assoc, Washington, Dec 12, 1979) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 24-30, Apr '80
- Strategic warfare: Considering the future nuclear deterrent force. Maj Bruce P. Mauldin. tabs Nav War Col Rev 33:84-92 Jul-Aug '80
- A structured framework for SALT decision-making. John M. Collins. tab AU Rev 31:22-26 Jan-Feb '80

DETERRENCE - Continued

- Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 29, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-14, Apr '80
- Targeting problems for central war. Colin S. Gray. illus Nav War Col Rev 33:3-21 Jan-Feb '80
- Theatre nuclear force modernisation. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, Feb 12, 1980) RADM E.F. Gueritz. illus RUSI J for Def Studies 125:3-10 Sep '80
- To what ends military power? Robert J. Art. illus tab Intl Sec 4:3-35 Spring '80
- Trident: New meaning in an ancient symbol. Charles N. Dragonette. illus Sea Power 22:25+ Dec '79
- U.S. policy and Asia. (Excerpts from Defense Dept Annual Report, FY '81) Harold Brown. illus Asian Def J No.2:6+ Mar-Apr '80
- U.S. strategic deterrent capability. (Presentation, 49th Annual Meeting, Utah State Bar, Salt Lake City, July 18, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 6-11, Sep '80
- Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80

DICK, Charles W.F.

- When General Dick took a look at the Dick Act. MajGen Charles Dick. (Reprinted from National Guard Magazine, January 1910) por Natl Guard 34:22-25+ Jan-Feb '80

DICKINSON, Hillman

- (C³ Systems Organization of the Joint Chiefs of Staff) Interview. LtGen Hillman Dickinson. por Mil Elect/Countermeasures 6:18+ May '80

DIESEL ENGINES

- MTU tank propulsion technology. Karlheinz Gebhardt. illus Armada Intl 4:10+ May-Jun '80
- (Soviet) diesel boats forever. CAPT Thomas A. Brooks. illus US Nav Inst Proc 106:105-107 Dec '80

DIGITAL COMMUNICATIONS see Digital EquipmentDIGITAL EQUIPMENTSee alsoData Transmission Systems

- The ARINC data link network: An integral part of airline command and control. Richard J. Otero. illus map Signal 34:23-26 Jul '80
- Aircraft computers programed with a single key-stroke. Richard Hartman. illus tabs Def Elect 12:35-36+ May '80
- Bridging the gap--analog to digital tactical switching. LtCol Ray E. Huebner and Brian T. Wright. illus tabs Signal 35:41-46 Nov '80
- Communications and computers--two cultures or one? Irwin L. Lebow. illus Signal 34:7+ Mar '80
- The crystal ball is soft and fuzzy: Predicting communications requirements for future Marine Corps tactical data systems. LtCol J.H. Wickens. illus Signal 34:63-67 Feb '80

DIGITAL EQUIPMENT - Continued

DIAL: (Digital Image Analysis Laboratory): Topography by computer. illus Army 30:36-37 Aug '80

Digital replacement of the ACE (Allied Command Europe) high transmission system. Gope D. Hingorani. illus map Signal 35:61-64 Dec '80

Hand-held tactical terminals. Robert L. Felling. illus Mil Elect/Countermeasures 6:50+ Apr '80

High speed facsimile drives census data. illus Govt Exec 12:47-48 Nov '80

Hill sends phone mail. AF Times 41:15 Nov 17 '80

Interoperability and EW. Michael T. Thurbon. Signal 34:13+ Apr '80

Navy advanced communications. John R. Boyd. tabs Signal 35:39-41 Sep '80

Spread spectrum technology. (Convention panel, AFCEA, Washington, June 25, 1980) J.N. Birch and others. illus tab Signal 34:49+ Aug '80

Switched networks. (Convention panel, AFCEA, Washington, June 24, 1980) L.C. Seifert and others. illus Signal 34:44-47 Aug '80

Update on the Digital Bomb Nav System (DBNS) for the B-52D. Capt Richard S. Roszak. illus Combat Crew 30:18-19 Jul '80

VHSICs to impact next-generation radar warning receivers. Harry F. Eustace. illus Def Elect 12: 69-70+ Jan '80

DINGES, Edward A.

Battlefield interdiction: Old term, new problem. Brig Gen Edward A. Dinges and Maj Richard H. Sinnreich. Fld Arty J 48:14-17 Jan-Feb '80

DINNEEN, Gerald P.

C³I--the essential element. Gerald P. Dinneen. Natl Def 64:15-17 Apr '80

C³I: The intellect and impetus of military force. Gerald P. Dinneen. por Defense/80, pp 2-11, Nov '80

Gerald P. Dinneen, Assistant Secretary of Defense (Communications, Command, Control and Intelligence). por Natl Def 64:9 Apr '80

A systems approach to communications, command, control and intelligence. (Address, Greater Los Angeles Chapter, AFCEA, Dec 1979) Gerald P. Dinneen. por Signal 34:8-12 Feb '80

"What electronic warfare does is add confusion to the battlefield." Interview. Gerald P. Dinneen. por Armed Forces J Intl 117:35+ Feb '80

DIPLOMACY

Surprise and change in international politics. Michael I. Handel. illus tabs Intl Sec 4:57-85 Spring '80

Vietnam War diplomacy: Reflections of a former Iron Curtain official. János Radványi. illus Parameters 10:8-15 Sep '80

DIPLOMATIC AND CONSULAR SERVICE

Middle East: Perpetual hotspot. Gen T.R. Milton, Ret. AF Mag 63:61 Aug '80

DIRECTION-FINDING EQUIPMENT

ADF (Automatic Direction Finding) magnetic bearing rendezvous. Capt Tom R. Konecny. illus tabs Navigator 27:24-26 Summer '80

DISARMAMENT

Disarmament problems and the position of West Germany. Udo Philipp. Intl Def Rev 13, No. 7:985 '80

DISASTER CONTROL

CD (Civil Defense) policy codified by Hill. AF Times 41:8 Oct 6 '80

Disaster preparedness. TIG Brief 32:9 Sep 12 '80

Disaster Response Force (DRF) off-base convoy operations. TIG Brief 32:10 Aug 8 '80

Earthquake: Cal Medex '80--San Franciscans secure with earthquake relief exercise. illus Natl Guard 34:14-17 Jul '80

Medical disaster control planning: How does the veterinary service contribute? TIG Brief 32:10 May 30 '80

Medical disaster cross-training grid. illus TIG Brief 32:7 Jul 25 '80

The Mount St Helens emergency. Col Terence J. Connell. illus Mil Engr 72:311-315 Sep-Oct '80

A mountain queen attacks ... the Guard fights back. illus Natl Guard 34:14-17 May '80

Operation Snow Blow. Capt Alexander M. Lindsay. illus USA Avn Dig 26:42-44 Jan '80

Panel (Aerospace Medical Assoc, Anaheim, CA, May 12-15, 1980): The modern view of airport disaster medical management. Alex C. Webb and others. illus tabs map Aviation, Space & Envmt Med 51:1256-1269 Nov '80

Severe weather preparations. tab TIG Brief 32:17 Oct 31 '80

DISASTERSSee also

Hurricanes
Tornadoes
Typhoons

Panel (Aerospace Medical Assoc, Anaheim, CA, May 12-15, 1980): The modern view of airport disaster medical management. Alex C. Webb and others. illus tabs map Aviation, Space & Envmt Med 51:1256-1269 Nov '80

When the rains came (in southern California) ... SP5 Harry Williams. illus Soldiers 35:52 Aug '80

Statistics

Severe weather preparations. tab TIG Brief 32:17 Oct 31 '80

DISCHARGES, RELEASES, AND SEPARATIONSSee also

Reduction in Force
Retirement

DISCHARGES, RELEASES, AND SEPARATIONS

Continued

Air Force

DOS withdrawals on the rise. AF Times 40:2
Jun 23 '80

Exits: Pay not No.1. AF Times 41:24 Oct 20 '80

Major (Joseph Schwenk) wins retirement, back pay
after 13 years. AF Times 41:16 Nov 10 '80

Tipping the scales opens the door to go out. Len Famiglietti. tab AF Times 41:1 Nov 24 '80

Armed Forces

DOPMA goes to Carter's desk. AF Times 41:4
Dec 8 '80

GAO: Faster discharges save \$\$. AF Times 41:3
Aug 18 '80

Homosexuals' ruling may bear on AF case (TSgt
Leonard Matlovich). Don Mace. AF Times 41:3
Nov 10 '80

Less than 1 year's duty: No jobless pay. (Unemployment
Pension Plan Amendments of 1980) AF Times
41:37 Nov 10 '80

Policy on homosexuals being checked. AF Times
41:15 Oct 13 '80

Marine CorpsHistory

Ouster of a Commandant (MajGen George Barnett).
LtCol Merrill L. Bartlett. illus US Nav Inst Proc
106:60-65 Nov '80

Reserve Forces--Air Force

AF settling passed-over (Reserve) officer's suit.
John Ginovsky. AF Times 40:3 Jun 23 '80

Little progress made in the (Capt John) Stewart case.
AF Times 41:8 Nov 10 '80

DISCIPLINE, MILITARY

Air discipline, brains, roc, mindrolling, and wall-
bangers. Maj Gary L. Sholders. Aerosp Safety 36:
16-18 Aug '80

Art(icle) 15 change: Punishes without scarring ca-
reer. M. L. Craver. AF Times 40:3 Jan 21 '80

Discipline (1897). 1stLt Eli D. Hoyle. Army 30:10-12
May '80

Leadership, discipline, airmanship. Col Robert D.
Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79;
pt 2, 19:24-25 Dec '79; pt 3, 20:18-19 Jan '80

Let's not say, 'yes sir, Pfc.' 2dLt Eugene P. O'Brien,
Jr. MarCor Gaz 64:18-19 Mar '80

Minor offenses: 'Custody,' not fines, seen. Inter-
view. MajGen Walter D. Reed. AF Times 40:1+
Feb 4 '80

Morale, proficiency, and discipline. Maj Stephen D.
Wesbrook. tabs J Pol & Mil Sociol 8:43-54
Spring '80

Obedience, the unpopular military virtue. MajGen
Richard C. Schulze. illus MarCor Gaz 64:49-52
Jun '80

DISCIPLINE, MILITARY - Continued

On fighter instruction. Maj Gary L. Sholders. illus
Aerosp Safety 36:4-7 Jun '80

Soldier expectations. Capt Gardner M. Nason. illus
Soldiers 35:11-13 Jun '80

DISEASES

Administration of the tumor registry. TIG Brief 32:12
May 30 '80

The Broom technique: NCO's cure for 'shaving
bumps.' Jane O'Hare. illus AF Times 40:51
Jun 16 '80

Childhood immunization. illus Soldiers 35:54-55
Aug '80

Children required to have five immunizations. Len
Famiglietti. AF Times 41:2 Dec 15 '80

Fund cuts held threat to (military medical research)
labs. Paul Smith. AF Times 41:16 Sep 15 '80

Guide to treating 'shaving bumps' revised. Pat Dalton.
AF Times 41:2 Sep 8 '80

Meds ban tanning devices, say they harm the skin. AF
Times 41:7 Sep 22 '80

Microwaves key to disease scans. Paul Smith. illus
AF Times 41:18 Aug 25 '80

Respiratory disease most common ailment (of mili-
tary people). AF Times 41:4 Oct 27 '80

Shoot first, ask questions later? Tom Donnelly. illus
AF Times 41:29-30 Dec 29 '80

Study says 'Smoky' (1957 "Shot Smoky" nuclear test)
cancer rate doubled. AF Times 41:27 Nov 10 '80

Three killers. SP5 Linda D. Kozaryn. illus Soldiers
35:38-40 Oct '80

DISPERSAL, MILITARYSee also

Industry--Dispersion
Missiles--Dispersion

DISPLACED PERSONS see Refugees

DISPLAY SYSTEMS

An active sensor for air combat. SqLdr B. G. E. Wak-
ling. illus Hawk No. 40:21-26 Feb '80

New entrant to the cockpit display competition? Eric
Blass. illus Interavia 35:438 May '80

Pop to freeze. Capt George T. Huggins. illus USAF
Ftr Wpns Rev, pp 27-30, Spring '80

SOTAS (Standoff Target Acquisition System)--Army
Aviation combined arms team. Col Wayne B. Davis.
illus USA Avn Dig 26:4-7 May '80

Visual search performance during simulated radar
observation with and without a sweep line. Richard
I. Thackray and R. Mark Touchstone. illus tabs
Aviation, Space & Envt Med 51:361-366 Apr '80

DISSENTERS

Is nothing worth fighting for? Gen T. R. Milton, Ret.
AF Mag 63:82 Jun '80

DIVERS AND DIVING

Comparisons of performance effectiveness among divers. Robert J. Biersner and others. tab Aviation, Space & Envmt Med 51:1193-1196 Nov '80

Prediction of success in a stressful career by personality attributes. Elchanan I. Meir and Giora Keinan. tab Aviation, Space & Envmt Med 51: 388-390 Apr '80

Skindiving: A wild, wet world. MSgt Matt Glasgow. illus Soldiers 35:15-18 Sep '80

Sport scuba diving by USAF aircrew members. LtCol Bruce E. Bassett. illus tab Aerosp Safety 36:5-7 Jul '80

Venous gas bubbles while flying with cabin altitudes of airliners or general aviation aircraft 3 hours after diving. U.I. Balldin. tabs Aviation, Space & Envmt Med 51:649-652 Jul '80

DIVISION OF LABOR

Subdivision of labor revisited. Franz A.P. Frisch. illus tabs Def Sys Mgt Rev 3:74-102 Winter '80

DIVORCE see Marriage and Divorce

DIZZINESS see Vertigo

DOCKS

Docking facilities for tankers: An offshore construction challenge. CAPT Custer F. Krickenberg, Jr., Ret. illus Mil Engr 72:178-180 May-Jun '80

1,500 miles in a floating dry dock. RADM William T. Nelson, Ret. illus US Nav Inst Proc 106:86-89 Mar '80

DOCTORS see Physicians

DOCTRINE

Continuous operations. LtCol M.G. Hunt-Davis and Maj D.M. Freeman. RUSI J for Def Studies 125: 11-15 Sep '80

Defining and measuring C^2 . H. Bennett Teates and others. illus tabs Mil Elect/Countermeasures pt 1, a perspective. 6:40+ May '80; pt 2, Defining and measuring C^2 . 6:28+ Jun '80

Study and Teaching

A new model for land warfare: The firepower dominance concept. LtCol Robert S. Fairweather, Jr. AU Rev 32:79-87; Responses. LtCol Dennis M. Drew and Maj James M. Simpson. 32:87-92 Nov-Dec '80

Some thoughts on Air Force doctrine. Maj Robert C. Ehrhart. illus AU Rev 31:29-38 Mar-Apr '80

Air ForceStudy and Teaching

Fire counter fire; Bureaucratic tactics. William S. Lind. AU Rev 31:87-89; Responses. Capt James B. Smith and Maj Leonard L. Walls. 31:89-93 Jan-Feb '80

Air Force--GermanyHistory

British and German air doctrine between the wars. Williamson Murray. illus AU Rev 31:39-58 Mar-Apr '80; Comments. MajGen I.B. Holley, Jr and GpCapt Ian Madelin. 32:99-101 Nov-Dec '80

DOCTRINE - ContinuedAir Force--Great BritainHistory

British and German air doctrine between the wars. Williamson Murray. illus AU Rev 31:39-58 Mar-Apr '80; Comments. MajGen I.B. Holley, Jr and GpCapt Ian Madelin. 32:99-101 Nov-Dec '80

Air Force--Russia

The development of Soviet aviation support. James H. Hansen. illus tabs map Intl Def Rev 13, No.5: 681-685 '80

Air Force--U.S.

Close air support in modern warfare. WgComdr Jeremy G. Saye. illus tab AU Rev 31:2-21 Jan-Feb '80

Counter command and control in conceptual perspective. LtCol John E. Rothrock, Jr. AU Rev 31:94-101 Jan-Feb '80

National space policy and aerospace doctrine. (Presentation, National Space Club, Washington, Oct 24, 1979) MajGen William R. Yost. AF Ploy Ltr for Comdrs: Sup No.1:7-16 Jan '80

Some thoughts on Air Force doctrine. Maj Robert C. Ehrhart. illus AU Rev 31:29-38 Mar-Apr '80

Armed Forces--France

The evolving French strategic debate. D. Bruce Marshall. illus Strat Rev 8:59-77 Spring '80

Armed Forces--NATO

Air power in the Central Region. AVM M.J. Armistage. illus RUSI J for Def Studies 124:33-38 Dec '79

Close air support in modern warfare. WgComdr Jeremy G. Saye. illus tab AU Rev 31:2-21 Jan-Feb '80

Tactical air power within NATO--a growing convergence of views. Maj Donald J. Alberts. AU Rev 31: 59-70; Responses. Maj Price T. Bingham and LtCol Owen H. Wormser. 31:70-73 Mar-Apr '80

The Warsaw Pact short-warning nuclear attack: How viable an option? Maj Donald L. Mercer. illus Mil Rev pt 1, 60:23-32 Oct '80; pt 2, 60:28-36 Nov '80

Armed Forces--Russia

The balance in Central Europe: Reflections through the Soviet prism. LtCol Allan A. Myer. illus tabs Nav War Col Rev 33:15-43 Nov-Dec '80

Basing the A-10 in Europe--strategic and mobility problems. Col Orin C. Patton and Maj Kenneth W. Engle. illus AU Rev 31:82-85 Mar-Apr '80

Doubts and difficulties confronting a would-be Soviet attacker. P.H. Vigor. RUSI J for Def Studies 125: 32-38 Jun '80

The "external function" of Soviet Armed Forces. Avigdor Haselkorn. illus Nav War Col Rev 33:35-45 Jan-Feb '80

The Soviet buildup--why does the threat grow? Capt Richard M. Saunders. illus Mil Rev 60:61-71 Apr '80

DOCTRINE - ContinuedArmed Forces -- Russia - Cont'd

The Soviet defense establishment in the '80s. William T. Lee. illus tabs AF Mag 63:100-108 Mar '80

Soviet doctrine responds to antitank missile threat. LtCol William P. Baxter, Ret. illus Army 30:29-32 Aug '80

The Soviet ground forces. Col Daniel K. Malone. illus NATO's Fifteen Nations 25:46-48+ Oct-Nov '80

Soviet tactics for overcoming NATO antitank defenses. C.N. Donnelly. (Reprinted from International Defense Review, No. 7, 1979) Infantry pt 1, 70:20-26 Sep-Oct '80; pt 2, 70:16-23 Nov-Dec '80

A transparent figleaf: The offensive nature of Soviet military doctrine. LtCol Jurgen B. Arbeiter. AU Rev 32:93-98 Nov-Dec '80

Armed Forces -- U.S.

The field-expedient factor: Adaptation and survival in the first battle. Roger A. Beaumont. illus Mil Rev 60:69-75 Oct '80

Launch under attack to redress Minuteman vulnerability? Richard L. Garwin. Intl Sec 4:117-139 Winter '79/'80

Long range air defence. MajGen O.D. Street III and LtCol K.N. Brown. illus tab NATO's Fifteen Nations 25:47-48+ Aug-Sep '80

Perceptions of the next war: Historical perspective on adjustment of doctrine and tactics to weapons. Col T.N. Dupuy, Ret. tabs Armed Forces J Intl 117: 49-50+ May '80

Toward a tactical nuclear doctrine. LtCol Andrew E. Andrews. illus tab Mil Rev 60:12-19 Oct '80

U.S. strategic nuclear policy. (Presentation, Naval War College, Aug 20, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Oct '80

Armed Forces -- Warsaw Pact

The Warsaw Pact short-warning nuclear attack: How viable an option? Maj Donald L. Mercer. illus Mil Rev pt 1, 60:23-32 Oct '80; pt 2, 60:28-36 Nov '80

Army -- NATO

MOUT (Military Operations on Urban Terrain) training--a combat service support need. Maj Bloomer D. Sullivan. illus Mil Rev 60:9-15 Sep '80

Army -- Russia

Operations in the enemy rear--Soviet doctrine and tactics. C.N. Donnelly. illus Intl Def Rev 13, No. 1:35-41 '80

Soviet mountain warfare operations. C.N. Donnelly. illus tabs Intl Def Rev 13, No. 6:823-834 '80

"War in the ether": Soviet radio-electronic warfare. Maj Barney F. Slayton. illus map Mil Rev 60:56-68 Jan '80

Army -- U.S.

Active defense and all that. Col Robert E. Wagner. illus Mil Rev 60:4-13 Aug '80

FM 100-5 (Operations) revisited: A need for better "foundation concepts?" Maj John M. Oseth. illus Mil Rev 60:13-19 Mar '80

DOCTRINE - ContinuedArmy -- U.S. - Cont'd

FM 100-5 revisited. Gen William E. DePuy, Ret. illus Army 30:12-17 Nov '80

The force design dilemma. LtCol Andrew P. O'Meara, Jr. illus Army 30:16-23 Mar '80

Surrounded! Maj Roger A. Grugle. illus Army 30: 22-26 Dec '80

Toward a tactical nuclear doctrine. LtCol Andrew E. Andrews. illus tab Mil Rev 60:12-19 Oct '80

History

U.S. antitank doctrine in World War II. Philip Dwight Jones. illus Mil Rev 60:57-67 Mar '80

Marine Corps -- U.S.

Clad in 20th century modern. Capt K. W. Estes. MarCor Gaz 64:20-22 Feb '80

Navy -- Russia

Blue water at last: Missions of and NATO responses to the new Soviet aircraft carrier. CDR Miles A. Libbey III. illus Nav War Col Rev 33:44-52 Nov-Dec '80

Soviet wartime submarine strategy analyzed. CAPT William J. Ruhe, Ret. illus Def Elect 12:51-52+ Aug '80

Theater nuclear encirclement: Soviet SLBM's targeted on Western Europe. Floyd D. Kennedy, Jr. illus Natl Def 64:42-47 Feb '80

NATO

C³ for tactical nuclear forces in Europe. John Morgenstern. illus Signal 35:57-58 Dec '80

Rumania

Defense and mass mobilization in Romania. David P. Burke. Armed Forces & Soc 7:31-49 Fall '80

Russia

1980 Soviet strategy for war at sea. William J. Ruhe. illus Def Elect 12:43-44+ Jul '80

The North German Plain attack scenario: Threat or illusion? Gen James H. Polk, Ret. illus Strat Rev 8:60-66 Summer '80

Power projection, Soviet style. CDR Steve F. Kime. illus map AF Mag 63:50-54 Dec '80

The Soviet air programme. J. Erickson. illus NATO's Fifteen Nations 25:28-32 Aug-Sep '80

DODDS, Joseph B.

Air Force Audit Agency. por AF Mag 63:102+ May '80

Notes from the Auditor General. MajGen Joseph B. Dodds. por AF Compt 14:43 Jan '80

Notes from the Auditor General. MajGen Joseph B. Dodds. por AF Compt 14:38 Apr '80

Notes from the Auditor General. MajGen Joseph B. Dodds. por AF Compt 14:29 Jul '80

DOGS

Military working dog medical records. TIG Brief 32:17 Dec 12 '80

DOGS - Continued

Trials on the Iditarod Trail. (AF Maj Terry Adkins, veterinarian, races in the Iditarod Trail Sled Dog Race) MSgt George W. Crawford. illus Airman 24: 24-29 Aug '80

DOMESTIC ACTION PROGRAM see Defense Community Service Program

DOMINICAN REPUBLIC

Hurricane/Puerto Rico Army National Guard. illus USA Avn Dig 26:34-35 Jan '80

DOUBLEDAY, Van C.

The C³ business. (Address, Orientation Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) MajGen Van C. Doubleday. por Signal 34:21-23 Feb '80

DOUGHERTY, Russell E.

(Communications and electronic industries as they relate to and support our Armed Forces) (Banquet address, AFCEA Convention, Washington, June 25, 1980) Gen Russell E. Dougherty, Ret. por Signal 34:28-30 Aug '80

(Gen) Dougherty named top (AFA) staff officer. por AF Times 41:17 Sep 29 '80

DOUHET, Giulio

To withstand the firestorm. (Paul Vauthier's prophetic ideas) Philip D. Supina. por US Nav Inst Proc 106:42-46 Nov '80

DRAFT, MILITARY see Military Service, Compulsory

DREW, Dennis M.

Strategy: Process and principles--back to the basics. LtCol Dennis M. Drew. AU Rev 31:38-45 May-Jun '80

DRIESSNACK, Hans H.

Fuel costs pinch muscle. Interview. LtGen Hans H. Driessnack. AF Times 40:4 Feb 25 '80

The key to readiness: O&M. LtGen Hans H. Driessnack. por AF Mag 63:57-63 Oct '80

DRILL

Drill and training--an unfortunate alliance. Maj Francis D. Rabata. Educ J 22:39-42 AY '79/'80

Drill Regulations. Col V. Valiyev. illus Soviet Mil Rev No. 1:52-53 Jan '80

'Military leave' pay still is unresolved. AF Times 41:14 Oct 27 '80

RADM Palmer outlines rationale behind cancelled pay drills. Officer 56:11 Jul '80

Stating the case for drill in the AFROTC curriculum. Capt Stan Jaworski. Educ J 22:37-38 AY '79/'80

DRONES

See also
Targets, Aerial

Drones take on White Sands missiles. SrAmn Tom Power. illus AF Times 40:31 May 19 '80

DRUCKER, Peter F.

Drucker, Clausewitz and us ... Col Evelyn P. Foote. Mil Rev 60:51-54 Jul '80

DRUG ADDICTSRehabilitation

See also
Rehabilitation

Getting straight. (Former drug addict and prison inmate, Cal Espinoza, special consultant to the AF on drug and alcohol abuse problems) SMSgt Dave Sheeder. illus Airman 24:2-7 Jan '80

SAC drug offenders have option--controversial test program like 'basic in two weeks.' Don Mace. AF Times 40:4 Mar 31 '80

DRUGS

Caffeine 80's--drug of abuse in the eighties? Col Richard B. Pilmer. illus tab Aerosp Safety 36:6-9+ Aug '80

DOD study: AF lowest in drug use. Paul Smith. tabs AF Times 41:1+ Dec 15 '80

Drug abuse trends in the Armed Forces. Col Paul F. Darnauer. illus Defense/80, back cover, Feb '80

Drug (tranquilizer) packaging: Little effect seen. AF Times 41:23 Jul 28 '80

Drugs, alcohol, and PRP (Personnel Reliability Program). TIG Brief 32:5 Jun 27 '80

Military dispensing THC. AF Times 41:11 Dec 1 '80

Pilot study on the value of a beta-blocking drug in initial helicopter training. E. Donaldson and others. tabs Aviation, Space & Envmt Med 51:926-929 Sep '80

Self-medication: Do as I teach, not as I did. Maj Peter J. Edgette. illus USA Avn Dig 26:38-39 Jul '80; Aerosp Safety 36:12-13 Nov '80

Surplus (military) planes said to be used in drug racket. Len Famiglietti. AF Times 40:3 Jun 16 '80

USAFE 'Counterpush': The first year. TIG Brief 32:13 Jan 25 '80

Laws and Regulations

CMA: Most drug offenses are Service-connected. Don Mace. AF Times 41:1+ Oct 27 '80

New clout asked in fight on drugs. Don Mace. AF Times 40:1+ Jun 30 '80

DRURY, Richard T.

Terminal operations and mobilization. (Address, National Defense Transportation Assoc Forum and Exposition, Chicago, Sep 21-23, 1980) por Translog 11:1-4 Dec '80

DRY DOCKS see DocksDUAL-BASING see Deployment

DUAL COMPENSATION

Plug disability loophole. (Rep Gladys N. Spellman
before Compensation Subcommittee, House Post
Office and Civil Service Committee) AF Times
40:6 Mar 10 '80

DUTY AND RESPONSIBILITY, MILITARY

'Buck stop' program should aid retention. Interview.
Gen Lew Allen, Jr. illus AF Times 40:3 Jan 14 '80
The commanders. Steve Abbott, illus Soldiers 35:
30-34 Jul '80
Sole parent soldiers--a delicate balance. SP5 Linda
D.Kozaryn. illus Soldiers 35:18-22 Oct '80

EFTS see Electronic Funds Transfer System

EAKER, Ira C.

- Afghanistan, causes and results. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jan 28 '80
- Airpower pioneers: LtGen Frank M. Andrews. LtGen Ira Eaker, Ret. AF Mag 63:102-104 Sep '80
- 'Arsenal of democracy' is bankrupt. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Apr 28 '80
- Carter's new nuclear policy. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 1 '80
- Cause of our greatest danger. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Feb 18 '80
- Congressional Gold Medal awarded to LtGen Ira C. Eaker. por biog Aerosp Hist 27:71-72 Mar '80
- Critical defense issues. LtGen Ira C. Eaker, Ret. AF Times 41:19+ Oct 6 '80
- The current budget battle. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 9 '80
- Defense New Year's resolutions. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jan 7 '80
- The draft board revival. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Feb 25 '80
- European headlines disturbing. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jun 30 '80
- Further reflections on Iran. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 May 26 '80
- Goldwater's somber warning. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 4 '80
- (Harold) Brown's Posture Statement. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Mar 10 '80
- Hope for Reagan's mandate (restoration of U.S. military power parity with the USSR). LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 24 '80
- In defense of war. LtGen Ira C. Eaker, Ret. por Mil Engr 72:156-158 May-Jun '80
- Is Russia behind U.S. crises? LtGen Ira C. Eaker, Ret. Natl Def 64:53 Apr '80
- Manpower conditions appalling. LtGen Ira C. Eaker, Ret. AF Times 41:23-24 Sep 22 '80
- The manpower deficit worsens. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 25 '80; Natl Def 65:28 Dec '80
- Melvin Laird vs Harold Brown. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 8 '80
- Military power and national security. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 18 '80
- Military readiness at low state. LtGen Ira C. Eaker, Ret. AF Times 40:17-18 Apr 7 '80
- The most critical issues now. LtGen Ira C. Eaker, Ret. AF Times 41:23-24 Nov 17 '80
- The most invisible airplane. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 15 '80
- National security next year. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 10 '80

EAKER, Ira C. - Continued

- (New Carter doctrine) LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Feb 11 '80
- 1980 (Aviation) Hall of Fame ceremonies. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 11 '80
- Our present Military Posture. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Mar 3 '80
- Outlook for air transportation. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jan 21 '80
- Resigning in opposition examined. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Oct 13 '80
- A sensible draft solution. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 May 5 '80
- Some questions for November. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Jul 28 '80
- Step in the right direction. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 29 '80
- The trouble with NATO. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 23 '80; Natl Def 65:38 Oct '80
- Turkey--present situation. LtGen Ira C. Eaker, Ret. AF Times 41:21-22 Dec 15 '80
- U.S. security: No quick fix. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Mar 31 '80
- What would you do now? LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Oct 20 '80
- Who is war candidate? LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 3 '80
- Will Russia permit Western rearmament? LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Apr 21 '80
- Will the MX missile survive? LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Mar 24 '80
- Women graduates of the Academies. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 16 '80

EARS

- Effects of different body positions on the Eustachian tube function in the selection of airmen. Peter Groth and Orjan Tjernström. tabs Aviation, Space & Envmt Med 51:913-917 Sep '80
- Eustachian tube function in selection of airmen. Peter Groth and others. tabs Aviation, Space & Envmt Med 51:11-17 Jan '80

EARTHQUAKES see Disasters

ECCLES, Henry E.

- Military power, strategy, and national security. (Condensed from address, Boston Chapter, SOLE, Feb 20, 1980) RADM Henry E. Eccles, Ret. Log Spectrum 14:17-19 Summer '80

ECOLOGY see Environment

ECONOMIC AID TO FOREIGN COUNTRIES

- The CMEA and the developing countries. O. Bogomolov. Soviet Mil Rev No.5:52-54 May '80
- Effective aid. (CMEA (Council of Mutual Economic Assistance) and the developing countries' metal-making industries) A. Shevchenko. Soviet Mil Rev No.10:50-51 Oct '80

ECONOMIC AID TO FOREIGN COUNTRIES - ContinuedCambodia

Kampuchean (Cambodian) relief: U.S. policy. (Reprinted from Gist, Nov 1979) AF Plcy Ltr for Comdrs: Sup No.3:38-40 Mar '80

Germany (Federal Republic)

Senior Pentagon official (Walter B. LaBerge) suggests U.S. fund billions in German air defenses. Benjamin F. Schemmer, illus Armed Forces J Intl 118: 20-21+ Sep '80

Portugal

Defence related economic co-operation and assistance within the Alliance. Rainer W. Rupp, illus tab NATO's Fifteen Nations 25:61-62+ Jun-Jul '80

Turkey

Defence related economic co-operation and assistance within the Alliance. Rainer W. Rupp, illus tab NATO's Fifteen Nations 25:61-62+ Jun-Jul '80

ECONOMIC ANALYSIS

Discounting defense capital expenditure proposals and determining the discount rate. LtCol Eugene O. Poindexter, Ret, illus tabs Armed Forces Compt 25:8-11 Feb '80

Economic analysis of the all-volunteer force. Robert F. McNow and others, tabs Armed Forces & Soc 7:113-132 Fall '80

Management needs analysts. Capt Michael Weitman, illus AF Compt 14:38-39 Oct '80

The nation's governors: In courteous revolt against Washington's ineptness in foreign trade details, illus Govt Exec 12:12+ Apr '80

Socio-economic objectives: Impact on civil and Defense agencies. Maj Richard J. Hampton and Richard J. Lorette, Def Sys Mgt Rev 2:78-88 Autumn '79

Socio-economic program impact on acquisition management. Patrick D. Sullivan, tab Def Sys Mgt Rev 2:89-98 Autumn '79

ECONOMIC DEVELOPMENT

Economic growth, distributional inequality, and political conflict in industrial societies. Melissa A. Hardy, tabs J Pol & Mil Sociol 7:209-227 Fall '79

Facing up to change. (Presentation, Antelope Valley Board of Trade, Lancaster, CA, Aug 22, 1980) Gen Alton D. Slay, AF Plcy Ltr for Comdrs: Sup, pp 12-17, Oct '80

ECONOMIC WARFARESee also

War--Economic Aspects

Economic warfare: How to play hardball with the Russians. Alexander Scott, Armed Forces J Intl 117: 67-69 Mar '80

ECONOMICS

Economic stresses in the NATO Alliance. David K. Hall, AEI For Plcy & Def Rev 2, No.5:11-14 '80

Rambling through economics. Franz A.P. Frisch, illus tab Def Sys Mgt Rev 3:114-121 Summer '80

EDMONDS, Walter E.

Professional Military Comptroller School (Air University, Maxwell AFB, AL); Reflections and expectations. Col Walt Edmonds, por AF Compt 14: 26-27 Oct '80

EDUCATIONUnited States

Amendment (to Title 10 of the U.S. Code) seen aid to high school recruiting. AF Times 41:6 Sep 22 '80

Curing government illiteracy. M. Scott Downing, Govt Exec pt 1, Communicating to a nation of tenth graders: The comprehension drops as content gets complex. 12:28-29+ Jul '80; pt 2, An automatic comprehension check for government regulation originators. 12:28+ Aug '80

DOD wants Education Dept to fund GI Bill. Len Famiglietti, AF Times 41:15 Nov 3 '80

DOD would overhaul educational benefits. Richard C. Barnard, AF Times 40:1+ Feb 25 '80

Education supplement. AF Times 40:12p sup opposite p 34 Apr 14 '80; 41:8p sup opposite p 34 Sep 8 '80

Extra raise, new GI Bill hinted by Reagan forces. Tom Philpott, AF Times 41:1+ Dec 8 '80

The military and the civilian economy since the loss of the GI Bill. Cecile S. Landrum, illus AU Rev 31:74-81 May-Jun '80; Comment. Stephen H. Morochnick, 32:101-102 Nov-Dec '80

Schooling aid plans abound--2 one-year test programs studied on Hill. Martha Lynn Craver, AF Times 40:3 Jul 21 '80

Senate extends GI Bill deadline. AF Times 41:7 Aug 18 '80

(Sen) Armstrong offers new GI Bill to boost recruiting incentives. Deborah M. Kyle, Armed Forces J Intl 117:14 Aug '80

(Sen William) Armstrong has GI Bill for '81. AF Times 41:3 Oct 27 '80

(Sen William) Armstrong sees hope for raise. Martha Lynn Craver, illus AF Times 41:1+ Dec 29 '80

EDUCATION (DEPENDENTS)

DODDS (Dept of Defense Dependent Schools) must pay for education of handicapped. Laurie Parker, AF Times 41:1+ Oct 20 '80

EUCOM hits plan to cut school busing. Larry Carney, AF Times 40:7 Jun 16 '80

How schools rate o'seas--revised program plus for Europe. Richard Barnard, illus AF Times 40:16+ Jan 21 '80

Overseas schools prepare to elect advisory councils. Karen McKay, AF Times 41:4 Aug 25 '80

O'seas schools rated high by evaluators. Karen McKay, AF Times 41:8 Aug 18 '80

O'seas students score well in (Basic Skills Assessment) Test. AF Times 40:18 Jun 9 '80

Renovations slow but sure. Richard C. Barnard, AF Times 40:18+ Feb 4 '80

EDUCATION (DEPENDENTS) - Continued

School appointee (William Smith) sees gloom ahead (for Overseas Dependent Schools). Karen McKay. AF Times 41:4 Aug 11 '80

Schools in Europe more flexible. Richard Barnard. illus AF Times 40:34 Jan 28 '80

(Sen William) Armstrong has GI Bill for '81. AF Times 41:3 Oct 27 '80

Task force told stateside schools (for military dependents) are OK. AF Times 40:22 May 12 '80

Costs

School projects require \$47M. John Ginovsky. AF Times 40:28 Mar 3 '80

EDUCATION, MILITARY see

Education, Scientific
Education, Technical
Education and Training

EDUCATION, SCIENTIFICSee also

Medical Education Program

Air Force--U.S.

Slay: 'We are a nation ... of scientific illiterates.' John Ginovsky. AF Times 41:14 Dec 22 '80

The university of tomorrow (AFIT). Robert K. Ruhl. illus Airman 24:21-29 Nov '80

EDUCATION, TECHNICALSee also

Medical Education Program
Mobile Training Units
Retraining Program

Air Force--U.S.See also

Air Force Technical Training Centers
Community College of the Air Force

Disaster (preparedness career) field to 'grow its own.' AF Times 41:4 Sep 8 '80.

New inspection of technical training. TIG Brief 32:3 Sep 26 '80

That's why. (Cockpit switches) MSgt John Mann. illus TAC Attack 20:24-25 Jan '80

The university of tomorrow (AFIT). Robert K. Ruhl. illus Airman 24:21-29 Nov '80

Upgrade/Cross Utilization Training (CUT). TIG Brief 32:8 Mar 7 '80

Army--Russia

Raising technical training level. (Turkistan Military District) Col-Gen Yu. Maximov and others. illus Soviet Mil Rev No. 1:10-15+ Jan '80

Army--U.S.

Combat vehicle training support. Capt John J. Sweeney. illus Armor 89:26-29 May-Jun '80

TEC (Training Extension Course)--sure way to learn. illus Soldiers 35:23-24 Oct '80

EDUCATION, TECHNICAL - ContinuedRussia

Soviet scientific/technical manpower: Much more than a simple numbers game. Jill E. Heuer. illus tab Govt Exec 12:34+ Apr '80

United States

Doing double duty. (Many Air Force occupational courses are redistributed to civilian schools through the Aerospace Education Foundation) Capt Dick Sheffield. illus Airman 24:32-35 Apr '80

EDUCATION AND TRAININGSee also

On-the-Job Training
Retraining Program
Training Aids

also specific types of centers and schools, e.g.,
Engineer Centers and Schools
Medical Centers and Schools
Officer Candidate Schools
Transportation Centers and Schools

also as a subdivision under specific subjects, e.g.,
Pilots--Education and Training

Air Force--Nigeria

Command and staff training in the Nigerian Air Force. GpCapt G. T. Tripp. Hawk No. 40:55-56 Feb '80

Air Force--U.S.See also

Air Force Academy
Air Force Institute of Technology
Air Force Technical Training Centers
Air Training Command
Community College of the Air Force
Flight Training
Officer Training School
Squadron Officer School

Ancillary Training Program (ATP). TIG Brief 32:9 Jan 25 '80

Dynamic role of readiness training. CMSgt Joseph H. Smith. illus AF Engrg & Svcs Qtr 21:3-5 Aug '80

The IDEA (Individual Development and Educational Advancement) is to make the 3 R's easier. AF Times 40:13 Mar 17 '80

It's more than marching. (USAF's basic training at Lackland AFB, TX, includes academic courses) SMSgt Dave Sheeder. illus Airman 24:9-12 Mar '80

Medical disaster cross-training grid. illus TIG Brief 32:7 Jul 25 '80

More EM will retrain in lower NCO grades. AF Times 41:14 Dec 22 '80

No time for training. TIG Brief 32:16 Oct 17 '80

Norton (AFB, CA) gives interns (Air Force Systems Command's Engineering Student Officer program) a look. SrAmn Matt Scherer. AF Times 41:35 Sep 29 '80

PME, little understood, held vital to NCO career. SSgt John V. Steffens. AF Times 40:22 Jun 30 '80

EDUCATION AND TRAINING - ContinuedAir Force--U.S. - Cont'd

Professional airlift management education. (Airlift Operations School, Scott AFB, IL) TIG Brief 32:13 Sep 12 '80

Qualifications of nondestructive specialist: Do we care enough to offer the best? TIG Brief 32:5 Oct 31 '80

Realism in munitions loading crew training. TIG Brief 32:7 Oct 17 '80

Show me in writing: Or, how to lose a good Air Force member. TIG Brief 32:14 Sep 26 '80

Space-age shootout. (AF SPs + MILES (Multiple Integrated Laser Engagement System) equal realistic training) Maj Anthony Lynn Batezel. illus Airmen 24:2-7 Nov '80

Super realistic combat training for B-52 EWOs. Richard Hartman. illus Def Elect 12:83-84+ Sep '80

Tactical Air Command 1980. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen Robert C. Mathis. AF Plcy Ltr for Comdrs: Sup No. 2:31-37 Feb '80

'3-level' training. TIG Brief 32:10 Jan 25 '80

Training by objective. Maj Robert L. Tone. illus USAF Ftr Wpns Rev, pp 9-11, Spring '80

Training problems: Talking helps. TIG Brief 32:11 Jul 25 '80

2 off-duty NCOs plug gap in PME. AF Times 41:42 Sep 15 '80

Understanding Type 1 (contract) training. TIG Brief 32:7-8 Apr 4 '80

Warskill training, medical. TIG Brief 32:22 Sep 12 '80

History

3 millionth grad reviews BMT (Basic Military Training). AF Times 41:24 Sep 1 '80

Armed Forces--Afghanistan

'The Afghan Armed Forces--to the Soviet invasion 1980.' G. Jacobs. illus map tabs Asian Def J No. 6; 74-75+ Nov-Dec '80

Armed Forces--Great Britain

Pre-Service units. I: University Officers' Training Corps. MajGen P. C. Shapland. illus RUSI J for Def Studies 125:44-48 Mar '80

Armed Forces--Japan

Officer education in Japan. Edward J. Drea. illus Mil Rev 60:31-39 Sep '80

Armed Forces--Poland

Military education in the Polish Armed Forces. Lawrence L. Whetten and James L. Waddell. RUSI J for Def Studies 125:51-57 Sep '80

Armed Forces--Russia

Educational role of the Soviet Armed Forces. Col-Gen M. Sobolev. illus Soviet Mil Rev No. 6:2-6 Jun '80

EDUCATION AND TRAINING - ContinuedArmed Forces--Russia - Cont'd

Guarding peace and socialism. Col-Gen G. Sredin. illus Soviet Mil Rev No. 1:5-9 Jan '80

The life of a Soviet soldier. Steve Abbott. illus tab Soldiers 35:6-10 Jul '80

Military education. Col N. Rumyantsev. illus Soviet Mil Rev No. 11:39-40 Nov '80

Moral education. Col I. Kononov. illus Soviet Mil Rev No. 1:28-29 Jan '80

Officer training system. Gen A. Mayorov. illus Soviet Mil Rev No. 7:2-5 Jul '80

School of moral education. (Interview with Gen Nikolai Lyashchenko) illus Soviet Mil Rev No. 10:2-5 Oct '80

V.I. Lenin and party-political work in the Red Army. MajGen P. Isakov. Soviet Mil Rev No. 2:7-9 Feb '80

Armed Forces--U.S.See also

Armed Forces Staff College

Education supplement. AF Times 40:12p sup opposite p 34 Apr 14 '80; 41:8p sup opposite p 34 Sep 8 '80

Military simulators--total training. John Rhea. illus Natl Def 64:32-35+ Feb '80

Specialists vs generalists. Bruce Callander. AF Times 40:20+ Jun 9 '80

Training and personnel systems technology: A boost to readiness. CDR Paul R. Chatelier. illus Def Mgt J 16:2-5 Second Quarter '80

Costs

Report: Leadership schools waste \$\$\$. AF Times 41:30 Dec 15 '80

Equipment

An overview of training-systems development. Allen Collier. illus Def Mgt J 16:2-5 Fourth Quarter '80

Army--France

The French Airborne School. Maj Gayden E. Thompson. illus map Infantry 70:22-24 Jul-Aug '80

Army--Great Britain

Simfire: Tank gunnery and tactical simulation. Michael W. Wilson. illus Natl Def 64:28-31 Feb '80

Army--Russia

Raising technical training level. (Turkestan Military District) Col-Gen Yu. Maximov and others. illus Soviet Mil Rev No. 1:10-15+ Jan '80

Rifleman training systems--preparing the infantryman to fight. Edward C. Ezell. illus tabs Intl Def Rev 13, No. 5:707-711 '80

Soviet mountain warfare operations. C.N. Donnelly. illus tabs Intl Def Rev 13, No. 6:823-834 '80

Army--Sweden

Better training for higher performance. illus Asian Def J No. 2:46-48 Mar-Apr '80

EDUCATION AND TRAINING - ContinuedArmy--U.S.See also

Armor--Education and Training
Army Field Artillery School
Army War College
Infantry Centers and Schools
Military Academy, West Point, NY

Aerobic power and body fat of men and women during Army basic training. John F. Patton and others. tabs Aviation, Space & Envmt Med 51:492-496 May '80

Army training: Seen from a "Three Mile Island" perspective. Maj Robert R. Begland. illus Mil Rev 60:40-46 Sep '80

The Army's counterattack on training costs. LtCol Jerome A. Pogorzelski. illus Def Mgt J 16:14-17 Fourth Quarter '80

Basic training: The verge of destruction. Capt Samuel J. Barlotta. illus Mil Rev 60:47-62 Nov '80

'Brush fires' vs planning: Training's silent 1 1/2 war. James K. McCollum. illus Army 30:30-32 Jan '80

The changing face of Army basic training: More flexible and coeducational. Thomas J. Gelli. illus Def Mgt J 16:22-29 First Quarter '80

The Dragon dilemma: Why low first-round hit rates? Maj Stanley H. Holgate. illus Mil Rev 60:25-30 Sep '80

The effects of simulated Infantry combat training on motivation and satisfaction. Paul R. Bleda and Robert H. Sulzen. tabs Armed Forces & Soc 6:202-214 Winter '80

First-class Army... 4th class living conditions. Interview. LtGen Julius W. Becton, Jr. illus Army 30:22-26 Nov '80

Flexibility in logistics education for the eighties. Col James E. Harris. tabs Signal 34:45-48 Jul '80

For NCO's: Leadership, hard work and training. SMA William A. Connelly. illus Army 30:21-24 Oct '80

In step with BSEP (Basic Skills Education Program). SSgt Jim Boersema. illus Soldiers 35:46-48 Apr '80

The influence of U.S. Army basic initial entry training on the muscular strength of men and women. Joseph J. Knapik and others. illus tabs Aviation, Space & Envmt Med 51:1086-1090 Oct '80

The instrumented battlefield. Kenneth G. Richards. illus Infantry 70:33-35 Mar-Apr '80

MILES (Multiple Integrated Laser Engagement Simulation System): Realistic training for direct support artillery. Col Earl S. Stein, Ret and others. illus tabs Fld Arty J 48:44-47 Sep-Oct '80

The military as society's keeper: Does responsibility go beyond defense? LtCol David E. K. Cooper. illus Army 30:34-38 Jun '80

MOUT (Military Operations on Urban Terrain) training--a combat service support need. Maj Bloomer D. Sullivan. illus Mil Rev 60:9-15 Sep '80

EDUCATION AND TRAINING - ContinuedArmy--U.S. - Cont'd

NTC (National Training Center) live fire: One step closer to battlefield realism. Maj Randolph W. House. illus tabs Mil Rev 60:68-72 Mar '80

The National Training Center. Capt Arthur A. Shraeder. illus Fld Arty J 48:30-33 Sep-Oct '80

A National Training Center blooming in the desert. SSgt Jim Boersema. illus Soldiers 35:18-22 Jul '80

The National Training Center (Fort Irwin, CA): The next thing to the ultimate realism. Col James B. Agnew. map illus Army 30:30-36 Feb '80

A question of quality: Why the pieces don't fit. John J. Fialka. illus Army 30:29-32 Jun '80

Rifleman training systems--preparing the infantryman to fight. Edward C. Ezell. illus tabs Intl Def Rev 13, No. 5:707-711 '80

Suppression. LtCol Fred Meurer. illus tabs Fld Arty J 48:48-51 May-Jun '80

Surrounded! Maj Roger A. Grugle. illus Army 30:22-26 Dec '80

Tactical training for ground combat forces. Thomas D. Scott. Armed Forces & Soc 6:215-231 Winter '80

Taking the guesswork out of training. (MAFIS, Mobile Automated Field Instrumentation System) SSgt Adolph C. Mallory. illus Army 30:45-46+ Aug '80

Train to fight. (Army aviators in Europe train extensively in the area where a future war may have to be fought) LtCols Eugene H. Grayson, Jr and Glenn R. Allen. maps USA Avn Dig 26:44-47 Mar '80

Training devices for the Army. Ronald C. Hofer. illus tab Natl Def 64:24-27+ Feb '80

Training strategy for the IFV. LtCol John D. Fuller. illus Infantry 70:15-19 Sep-Oct '80

Training the Army engineer team. Faculty, Engineer School, Fort Belvoir, VA. illus Mil Engr 72:256-259 Jul-Aug '80

Unit training management: An approach to a dilemma. LtCol James R. Whitley. illus tabs Mil Rev 60:53-58 Aug '80

Values, not scores, the best measure of soldier quality. Gen Donn A. Starry. illus Army 30:38-43 Oct '80

Working on the symptoms--not the disease: Improving training evaluation. LtCol Michael T. Plummer. illus tab Mil Rev 60:48-56 Mar '80

Directories

(Army) schools and centers. Army 30:216-217 Oct '80

History

The educator of the Army (LtGen Lesley J. McNair). Brooks E. Kleber. illus Army 30:50-54 Jul '80

Coast Guard--U.S.See also

Coast Guard Academy, New London, CT

EDUCATION AND TRAINING - ContinuedMarine Corps--U.S.See also

Marine Corps Development and Education Command

Air Ground Combat Center. illus MarCor Gaz 64: 25-27 Dec '80

Our training pays off. LtCol John H. Redgate. MarCor Gaz 64:21-22 Mar '80

Training NCOs to lead. 1stLt W.R. Kellner. tab MarCor Gaz 64:25 Apr '80

National Guard--Air Force--U.S.

Doing it differently. Marilyn H. Hargreaves. illus Air Reservist 32:6-7+ Aug '80

National Guard--Armed Forces--U.S.

Annual training, 1980. illus Natl Guard 34:32-36 Sep '80

National Guard--Army--U.S.

FTX (Field Training Exercise) matrix. Maj Walter M. Ozawa. illus tab Infantry 70:19-21 Jul-Aug '80

OPFOR (OPposing FORces). illus Natl Guard 34:8-11 Jun '80

Progress in training, readiness, manning. MajGen Emmett H. Walker, Jr. illus Army 30:150-155 Oct '80

Shootout at Ivan's Alley (DeCarolis Device, a portable training system utilizing three slide projectors, three screens, a slide pulsing tape recorder and a synchronization unit with 35mm slides). 1stLt Victor Dubina. illus Natl Guard 34:23-25 Nov '80

Navy--Russia

Action station drills. Capt M. Tsiporukha. illus Soviet Mil Rev No. 2:26-28 Feb '80

Preparing for a cruise. Capt V. Baranov. illus Soviet Mil Rev No. 10:37-38 Oct '80

Navy--U.S.See also

Naval Academy, Annapolis, MD
Naval Postgraduate School
Naval War College

Forecasting the human-resource costs of Navy weapon systems. Peter D. Weddle and CDR Grant D. Fulkerson. illus Def Mgt J 16:6-11 Second Quarter '80

Let's get our training act together. CDR John D. Roper. illus US Nav Inst Proc 106:99-101 Jun '80

VTX-TS: Will the U.S. Navy change the way pilots train? illus Def & For Aff 8, No. 7:28-31 '80

Reserve Forces--Army--U.S.

FTX (Field Training Exercise) matrix. Maj Walter M. Ozawa. illus tab Infantry 70:19-21 Jul-Aug '80

How ready can the Reserves be? LtCol Arthur T. Carey. illus Armor 89:24-26 Jan-Feb '80

Improving Reserve Component training. Cols Daniel Gans, Ret and Richard E. Moakley. illus tabs Infantry 70:26-31 Jan-Feb '80

EDUCATION AND TRAINING - ContinuedReserve Forces--Army--U.S. - Cont'd

Realistic training for Reservists--Sharpe Army Depot staff feature. Translog 11:8-9 Oct '80

Reserve readiness training. LtCol Herbert B. Quinn, Jr. illus Army Log 12:28-31 Mar-Apr '80

Serving two masters: Frustrating dilemma for citizen-soldiers. LtCol Claiborne W. Cowgill, Sr. illus Army 30:51-55 May '80

Reserve Officers Training Corps--Air Force--U.S.

Credit where credit is due. Educ J 22:14-18 AY '79/'80

Drill and training--an unfortunate alliance. Maj Francis D. Rabata. Educ J 22:39-42 AY '79/'80

Stating the case for drill in the AFOTC curriculum. Capt Stan Jaworski. Educ J 22:37-38 AY '79/'80

EDUCATION AND TRAINING, OFF-DUTYAir Force--U.S.

Education OK, but needs aid. AF Times 40:46 Mar 10 '80

Armed Forces--U.S.

College aid moves, pay raise stalled. Martha Lynn Craver. AF Times 40:1+ May 26 '80

College aid of \$1200 a year asked for EM. Martha Lynn Craver. AF Times 40:1+ May 19 '80

DOD may pay student loans for key EM. Paul Smith. AF Times 41:3 Oct 27 '80

Defense bill includes \$1200 in tuition aid. Martha Lynn Craver. AF Times 41:1+ Aug 18 '80

Defense to offer EM 3 education programs. AF Times 41:7 Nov 24 '80

Education supplement. AF Times 40:12p sup opposite p 34 Apr 14 '80; 41:8p sup opposite p 34 Sep 8 '80

House okays 2-step 10 percent boost in GI Bill. AF Times 41:4 Oct 6 '80

Off-duty education under attack. Col Armand J. Galfo. illus Officer 56:24-25 Jul '80

On-base education inconsistent. AF Times 40:12 May 5 '80

Panel (Senate Armed Services Committee) adds education \$\$ to (FY 1981 Defense Authorization) Bill. AF Times 40:4 Jun 30 '80

Army--U.S.

Off-duty education pays off. SSgt Jim Boersema. illus tab Soldiers 35:50-52 Mar '80

EDUCATION-WITH-INDUSTRY PROGRAM see Training-with-Industry ProgramEDUCATIONAL LEVEL OF MILITARY PERSONNEL

AF tops Services in signing grads. AF Times 41:17 Sep 15 '80

All Services meet or exceed recruiting goals thus far. AF Times 41:28 Oct 6 '80

EDUCATIONAL LEVEL OF MILITARY PERSONNEL - Continued

Educational level may be improving. AF Times 40:14 Jun 9 '80

The IDEA (Individual Development and Educational Advancement) is to make the 3 R's easier. AF Times 40:13 Mar 17 '80

In step with BSEP (Basic Skills Education Program). SSgt Jim Boersema. illus Soldiers 35:46-48 Apr '80

The military as society's keeper: Does responsibility go beyond defense? LtCol David E.K.Cooper. illus Army 30:34-38 Jun '80

A question of quality: Why the pieces don't fit. John J.Fialka. illus Army 30:29-32 Jun '80

Values, not scores, the best measure of soldier quality. Gen Donn A.Starry. illus Army 30:38-43 Oct '80

Who served in the military, 1940-73. Neil D.Fligstein. tabs Armed Forces & Soc 6:297-312 Winter '80

EDUCATIONAL TECHNOLOGY

AFIT education: Cornerstone of Air Force technical excellence. (Presentation, 60th anniversary, Air Force Institute of Technology, Wright-Patterson AFB, OH, Nov 17, 1979) Gen Lew Allen, Jr. AF Mcy Ltr for Comdrs: Sup No. 1:2-6 Jan '80

Teleteach: How to stretch the classroom coast to coast. illus Govt Exec 12:44+ Apr '80

EFFECTIVENESS REPORTS

Civil service reform: It's a matter of writing contracts among levels--then working them. Barbara Orgenesoff. Govt Exec 12:29+ Dec '80

Merit rating: New systems due Oct 1. AF Times 41:10 Sep 8 '80

Air Force

AF to test new OER system. M.L.Craver. AF Times 40:1+ Jan 7 '80

Inside a promotion board. Maj Gene E.Townsend. illus tabs AF Mag 63:94-98+ Jul '80; Airman 24: 11-18 Oct '80

OER policy reiterated. AF Times 41:7 Oct 27 '80

Armed Forces

New OER system shelved. AF Times 40:3 Mar 24 '80

Army

OERs: Management by objectives. Capt John E. Stevens. illus Mil Rev 60:9-13 Nov '80

Putting 'teeth' into OERS. Maj Clifford H.Bernath. illus Soldiers 35:21-23 Nov '80

SEERs (Senior Enlisted Evaluation Reports) shape the Army. MSgt Matt Glasgow. Soldiers 35:19 Sep '80

Marine Corps

Personnel performance appraisal--a need for change. LtCol D.S.Rilling. MarCor Gaz 64:48-52 Apr '80

EFFECTIVENESS REPORTS - Continued

Navy

Fitness report finesse. George Haering. illus US Nav Inst Proc 106:34-38 Jan '80

Performance appraisal as a personnel development aid. CDR William T.Hood, Jr. US Nav Inst Proc 106:104-105 Dec '80

Reserve Forces--Army

Inflation of another kind strikes Officer Evaluation Reports. tab Officer 56:15 Feb '80

EFFICIENCY

An approach to effectiveness/productivity. Joseph J. Jablonski. illus tabs Armed Forces Compt 25: 15-17+ Nov '80

The care and feeding of copilots. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Jul '80

Consulting: Government's layer cake solution. Thomas G.Cody. Govt Exec 12:42+ Sep '80

The do-more-with-less syndrome: Teetering on the brink. Capt Kenneth C.Stoehrmann. tab AU Rev 32:103-108 Nov-Dec '80

Enhancing Navy productivity. William B.Shaner. illus tabs Armed Forces Compt 25:4-7 Feb '80

Estimating aircraft utilization rates. Robert L. Stowell. Log Spectrum 14:16-19 Spring '80

From theory to action: Implementing job enrichment in the Air Force. LtCols Denis D.Umstot and William E.Rosenbach. illus AU Rev 31:74-81 Mar-Apr '80

Is reform needed in NATO arms procurement? J.B. Koepl. Intl Def Rev 13, No.5:658 '80

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79; pt 3, 20:18-19 Jan '80

Message handling on ships--rationalisation by distributed data-processing. LtComdr Siegfried Netzbund and Heinz Schwarzer. illus Intl Def Rev 13, No.6:883-886 '80

Morale, proficiency, and discipline. Maj Stephen D. Westbrook. tabs J Pol & Mil Sociol 8:43-54 Spring '80

Navy's automated information office: Answers in seconds, not months. illus Govt Exec 12:49-50 Feb '80

Well-controlled accounting systems--a must for the eighties. (Address, American Society of Military Comptrollers National Symposium, San Antonio, May 22, 1980) Elmer B.Staats. illus Armed Forces Compt 25:4-7+ Nov '80

What we always knew about acquisition but were afraid to do. William C.Wall, Jr and Leonard L.Rosen. tabs Def Sys Mgt Rev 3:84-95 Summer '80

EFFICIENCY RATINGS see Airman Performance Reports; Effectiveness Reports

EGYPT

Environmental impacts of the Aswan High Dam. Edward K.Bryant. illus map tab Mil Engr 72:181-183 May-Jun '80

EGYPT - Continued

Nile beckons E-3A crews. illus AF Times 40:4
Jan 21 '80

Foreign RelationsIsrael

The Jerusalem question: Cutting the Gordian knot.
John A. Berry. illus maps Parameters 10:33-43
Jun '80

Shifting sands of peace in the Middle East. Mohamed
Sid-Ahmed. Intl Sec 5:53-79 Summer '80

The Sinai field mission: A step toward peace in the
Middle East. David A. Napoliello. map illus Pa-
rameters 9:20-27 Dec '79

EISEMAN, Ben

Cold: Friend or foe. (Marines in Norway) RADM Ben
Eiseman, Ret and LtCol Carl F. Tidemann.
MarCor Gaz 64:39-44 Feb '80

EISENHOWER, Dwight D.

The Eisenhower administration and defense policy.
Lester H. Brune. Armed Forces & Soc 6:511-516
Spring '80

Ike and his indispensable lieutenants. Martin Blumen-
son. por Army 30:50-54+ Jun '80

EJECTIONSee also

Parachute Jumping

Accidents--a different approach: Attitudes and prior-
ities. Maj Wiley E. Greene. illus TAC Attack 20:
24-25 Mar '80

Decision time: Abort! Abort! Abort! Maj Don Eye.
Combat Crew 30:19 Oct '80

The decision to eject. TIG Brief 32:17-18 Sep 12 '80

Out-of-the-envelope ejections. tab TIG Brief 32:15
Jul 11 '80

Studies of limb-dislodging forces acting on an ejection
seat occupant. Daniel J. Schneck. illus tabs Avia-
tion, Space & Envmt Med 51:256-264 Mar '80

They walked away: F-4 emergency evacuation proce-
dures. Capt Skip Bremer. illus Aerosp Safety 36:
2-3 Oct '80

The will to leave equals the will to live in an ejection
decision. Maj Bruce N. Cox. illus Aerosp Safety
36:12-13 Mar '80

Statistics

The bad news phone. Capt John Barry. tabs Aerosp
Safety 36:26-27 Oct '80

Survival rate drops for unsafe ejections. tab AF
Times 41:35 Aug 11 '80

EJECTION EQUIPMENT

The egress system gun is loaded. TIG Brief 32:15
May 16 '80

Know your life savers. TIG Brief 32:19 Sep 26 '80

One F-4 in 11 found flawed. AF Times 41:26 Oct 6 '80

Rocket plume burn hazard. A.M. Stoll and others.
illus tabs Aviation, Space & Envmt Med 51:480-
484 May '80

EJECTION EQUIPMENT - ContinuedMaintenance and Repair

Egress system maintenance. TIG Brief 32:16
Jul 25 '80

Maintaining aircraft egress systems: Lack of super-
vision can be costly. TIG Brief 32:19 Feb 8 '80

ELECTIONSSee also

Voting

Change in power to affect military. AF Times 41:1+
Nov 17 '80

Foreign policy issues and the 1980 election: Context,
hopes, and fears. Ole R. Holsti. AEI For Pley &
Def Rev 2, No.5:15-18 '80

GOP dominates Senate panels (affecting the military).
Martha Lynn Craver. AF Times 41:3 Nov 17 '80

The power tables: Significant elections and changes in
governments in the past year. Regular feature in
some issues of Defense & Foreign Affairs

What you can and can't do by way of political activity.
Don Mace. AF Times 40:46 Apr 21 '80

ELECTRIC EQUIPMENTSee also

Generators, Electric

Human-factor-caused mishap. TIG Brief 32:18
Aug 8 '80

ELECTRIC POWER

La Comisión Federal de Electricidad de Mexico:
Helicopters bringing progress to high altitudes.
Marc Grangier. illus Interavia 35:358-359 Apr '80

Gas costs spark test of electrics. John Ginovsky. AF
Times 41:10 Dec 22 '80

Maintaining power at the Pentagon. illus Signal 35:84
Sep '80

ELECTRIC POWER PLANTS

Cogeneration plants: Expedient energy conservation.
Fritz E. Hein. illus tab Mil Engr 72:100-103 Mar-
Apr '80

Edwards (AFB, CA) fights coal-fired plant. AF Times
40:19 Jun 30 '80

ELECTRIC PROPULSION

Cobra: The world's first AFV with an electric trans-
mission. LtCol P. Crèvecoeur. illus tab Intl Def
Rev 13, No.6:904-906 '80

ELECTROMAGNETIC COMPATIBILITY

Charting for the 80's. (Topographic/electromagnetic
charting) LtCol James D. Muma. illus Airlift Ops
Rev 2:5-7 Apr-Jun '80

ELECTROMAGNETIC WAVES

Realistic range estimation at sea. William R. Bigas.
illus tabs Def Elect 12:69-70+ Jul '80

ELECTRON TUBES

Introduction to gyrotrons. Robert R. Berry. illus tabs
Mil Elect/Countermeasures 6:52+ Oct '80

ELECTRON TUBES - Continued

Soviet lead in carcinotrons: "At least 5 years." illus tab Mil Elect/Countermeasures 6:48+ Jun '80

ELECTRONIC AIDS TO AVIATION

Fault-surviving flight control avionics. Louis J. Franchi. illus Mil Elect/Countermeasures 5:40+ Dec '79

ELECTRONIC COUNTERMEASURES

ALQ-162: Protection for non-ASPJ candidates. illus Mil Elect/Countermeasures 6:94+ Feb '80

ASPJ (Airborne Self-Protection Jammer): How to get competition in a "monopoly" environment. illus Govt Exec 12:24-25 Jul '80

(ADM) Zumwalt: Carter leaked Stealth for political edge. AF Times 41:2 Sep 29 '80

Advances in target acquisition and missile guidance. John S. Phillip. illus Asian Def J No. 3:56+ May-Jun '80

Air defense of the carrier task group. CAPT John E. Lacouture, Ret. illus US Nav Inst Proc 106:60-67 Jul '80

Air defense radars--solutions from Selenia. Gowri S. Sundaram. illus Intl Def Rev 13, No. 1:67-69 '80

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

C³I: The intellect and impetus of military force. Gerald P. Dinneen. illus Defense/80, pp 2-11, Nov '80

Command and control in the 80s. (Convention panel, AFCEA, Washington, June 25, 1980) RADM Frederick C. Johnson and others. illus maps Signal 34: 61-62+ Aug '80

Designing a broadband phased array antenna suitable for use in ECM systems. Lars Josefsson. illus tabs Def Elect 12:85-86+ Feb '80

EW today & tomorrow: Two views. Mil Elect/Countermeasures 6:70+ Oct '80

Electromagnetic combat. MajGen Gerald J. Carey, Jr. illus AF Mag 63:83-87 Jul '80

The electronic battle. LtCol Don E. Gordon. illus Infantry 70:22-24 May-Jun '80

Electronic warfare--a shifting balance. WgComdr M. T. Thurbon, Ret. RUSI J for Def Studies 125: 38-43 Jun '80

Electronic warfare in naval operations. Mario De Arcangelis. illus Armada Intl 4:40-42+ Mar-Apr '80

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 63:126 Mar '80

Green Flag now defines electronic warfare as an offensive weapon. Majs Frank A. Parker and Arthur W. Ritter. illus Def Elect 12:59-60+ Oct '80

House approves \$4.5-M for Air Force evaluation of alternate EW jammer. Deborah M. Kyle. Armed Forces J Intl 118:18+ Nov '80

ELECTRONIC COUNTERMEASURES - Continued

House panel (Armed Services Subcommittee on Investigations) calls Brown on 'leaks.' AF Times 41:12 Sep 8 '80

House unit (Armed Services Committee) bars 'Stealth' probe. AF Times 41:7 Sep 22 '80

IFF--the current system and its problems. Intl Def Rev 13, No. 3:352 '80

Interceptability and jammer performance: An argument for signal processing intercept receivers. Robert S. Graziano. illus tabs Mil Elect/Countermeasures 6:62-64+ Oct '80

Interoperability and EW. Michael T. Thurbon. Signal 34:13+ Apr '80

Jamming frequency agile radars. Bengt Bergkvist. illus tabs Def Elect 12:75-78+ Jan '80

Millimeter wave radio. J. W. Strozzyk and others. tabs Signal 35:49-54 Nov '80

Multistatic radar systems for air defense. David M. Zasada. illus tab Signal 34:65+ May-Jun '80

Navy electronic warfare and counter C³ programs. RADM A. A. Gallotta, Jr. illus Signal 35:19-22 Oct '80

New communications jamming systems surfacing. Richard Hartman. tab Def Elect 12:49-50+ Feb '80

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

Rapport jammer design criteria. John D. Sparno. illus Def Elect 12:29-30+ Mar '80

Sec Brown under oath on 'Stealth.' Martha Lynn Craver. illus AF Times 41:3 Sep 15 '80

'Stealth' aircraft invisible to radar (Def Sec Brown has announced). AF Times 41:12 Sep 8 '80

Stealth aircraft program revealed. Intl Def Rev 13, No. 7:979 '80

Super paste-on jammer surfaces. Richard Hartman. illus Def Elect 12:13 Oct '80

Technology insertion--Rx for ailing ECM. Julian S. Lake. tabs Def Elect 12:35-36+ Jun '80

The Third World's electronic revolution sparks off. John C. Burton III. illus Def & For Aff 8, No. 7: 40-42 '80

Today's and tomorrow's Signaal. Robert L. Scheina. illus Armada Intl 4:124+ Mar-Apr '80

VHSICs to impact next-generation radar warning receivers. Harry F. Eustace. illus Def Elect 12: 69-70+ Jan '80

Winning the victory before the battle. Maj Robert C. Anderson, Jr. illus Signal 34:111-112+ May-Jun '80

Costs

Ocean control: Economics, exchange ratios and sea control. Norman L. Stone. tabs Mil Elect/Countermeasures 6:28+ Feb '80

ELECTRONIC COUNTERMEASURES - ContinuedTesting

CCAMS (Computer-Controlled Antenna Measurement System) provides major improvement to B-52 ECM system simulation test facility. William L. Janing. illus Def Elect 12:69-70+ Oct '80

ELECTRONIC DATA PROCESSING SYSTEMSSee also

Computers
Digital Equipment

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

Automated supply--a planner's view. Barry W. McDaniel. Army Log 12:6-9 Jan-Feb '80

Automated supply--an operator's view. Maj Bloomer D. Sullivan. Army Log 12:6-10 Jan-Feb '80

Automated traffic management in the 1980s. (From address, General Traffic Management Seminar, Orlando, FL, May 1980) LtCol Robert H. Fisher. illus Translog 11:1-4 Jul '80

Continuation training for computer professionals. Linda B. Hollowell. illus Def Mgt J 16:32-35 Third Quarter '80

DIAL (Digital Image Analysis Laboratory): Topography by computer. illus Army 30:36-37 Aug '80

Designing a flexible management information system. LtCol Thomas D. Clark, Jr and Capt Douglas J. Blazer. illus Def Mgt J 16:44-48 First Quarter '80

The Directorate of Computer Resources. BrigGen Avon C. James. illus chart AF Compt 14:4-7 Jul '80

Directorate of Computer Resources. BrigGen Avon C. James. illus AF Compt 14:23 Oct '80

The evolution of C³I. M.I. Thom. illus Intl Def Rev 13, No.7:1033-1035 '80

Firms (Burroughs Corp and Sperry Univac) vie for computer job. AF Times 41:10 Dec 15 '80

The four billion-dollar annual data larceny. Thomas F. Walton. Govt Exec 12:22-23 Nov '80

The fusion of multisensor data. Fred L. Wright. illus Signal 35:39-43 Oct '80

How Treasury is using ADP to cleanup double payments. Govt Exec 12:22+ Jun '80

Message handling on ships--rationalisation by distributed data-processing. LtComdr Siegfried Netzbund and Heinz Schwarzer. illus Intl Def Rev 13, No.6:883-886 '80

Navy's automated information office: Answers in seconds, not months. illus Govt Exec 12:49-50 Feb '80

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 14:11 Jan '80

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 14:34 Apr '80

ELECTRONIC DATA PROCESSING SYSTEMS - Continued

Notes from the Director of Computer Resources. BrigGen Avon C. James. illus AF Compt 14:27 Jul '80

REMBASS (REmotely Monitored BAttlefield Sensor System)--the U.S. Army's new battlefield sensor system. Gowri S. Sundaram. illus tabs Intl Def Rev 13, No.4:531-535 '80

Wavell trials successful: Stage 2 now under way. illus Intl Def Rev 13, No.2:275-276 '80

Costs

Comprehensive OMB report takes a future look at the Federal life of general purpose ADP's. tabs Govt Exec 12:49-50+ Mar '80

ELECTRONIC EQUIPMENTSee also specific types of equipment, e.g.,

Computers
Detection Equipment
Electron Tubes
Electronic Recieving Equipment
Electronic Transmitting Equipment
Fuses, Electronic
Semiconductor Devices

ALQ-162: Protection for non-ASPJ candidates. illus Mil Elect/Countermeasures 6:94+ Feb '80

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

(Communications and electronic industries as they relate to and support our Armed Forces) (Banquet address, AFCEA Convention, Washington, June 25, 1980) Gen Russell E. Dougherty, Ret. illus Signal 34:28-30 Aug '80

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Defense electronics contractors jumping into IC manufacturing. Dick Walton. illus tabs Def Elect 12: 67-68+ Feb '80

Defense electronics perspective. Regular feature in issues of Defense Electronics

Defense electronics R&D roundup. Regular feature in issues of Defense Electronics

Defense electronics technology. Regular feature in some issues of Defense Electronics

EW--the Soviet's fourth dimension of warfare. CAPT William J. Ruhe, Ret. Signal 34:23-25 Apr '80

Electronic warfare in naval operations. Mario De Arcangelis. illus Armada Intl 4:40-42+ Mar-Apr '80

Electronics--a major growth area. illus Interavia 35: 778-782 Sep '80

European EW systems gaining on the U.S. Stefan Geisenheyner. illus Def Elect 12:59-62+ Sep '80

(Finding an equalizer for disparity in equipment) (Key-note luncheon address, AFCEA Convention, Washington, June 24, 1980) William J. Perry. illus Signal 34:13+ Aug '80

ELECTRONIC EQUIPMENT - Continued

The future of American science. Philip Handler.
illus Nav War Col Rev 33:57-67 Jan-Feb '80

Mil IC directory. illus tabs Mil Elect/Countermeasures 6:37+ Feb '80

Military integrated circuit directory. 7th ed. tabs
Mil Elect/Countermeasures 6:IC1-54 Aug '80

Missile X electronics on safe critical path--even
floated ball is low risk. illus tab Mil Elect/Countermeasures 6:34+ Jul '80

Navy (Naval Ocean Systems Center's) Microelectronics Laboratory sparks IC advances. John D. Shea. illus Def Elect 12:71-72+ May '80

New communications jamming systems surfacing.
Richard Hartman. tab Def Elect 12:49-50+ Feb '80

New hardware. Regular feature in some issues of
Military Electronics/Countermeasures

1980 (2d annual) Defense Electronics Marketing & Buyers' Guide. tabs Def Elect 12:45+ Mar '80; Supplement. 12:87-89+ Jun '80

The office: Equipment is changing the face of government. illus Govt Exec 12:14+ Oct '80

PRC military electronic systems evaluated. Scott James. illus tabs Def Elect 12:69-70+ Jun '80

(Producing modern Army equipment) (Sustaining members' luncheon address, AFCEA Convention, Washington, June 25, 1980) Percy A. Pierre. illus Signal 34:22-24 Aug '80

The Third World's electronic revolution sparks off.
John C. Burton III. illus Def & For Aff 8, No. 7: 40-42 '80

To see and not be seen--that is the problem. illus Def Elect 12:78+ Oct '80

Today's and tomorrow's Signal. Robert L. Scheina.
illus Armada Intl 4:124+ Mar-Apr '80

Characteristics

"Less is more" in military electronics. Bruce F. Baldwin. Armed Forces J Intl 117:42 Jun '80

Exhibitions

AFCEA 80 Show and Conference (Washington, June 24-26, 1980): Heavy stress on communications. illus Interavia 35:729-731 Aug '80

Asian Defense Expo' 1980. illus Intl Def Rev 13, No. 4:567-574 '80

Defense electronics community converges on MEDE (Military Electronics Defence Expo) '80. illus Def Elect 12:109-112+ Sep '80

MEDE (Military Electronics Defence Exhibitions) seen from the air. illus Aerosp Intl 15:54+ Oct-Nov '79

MEDE (Military Electronics Defence Expo) '79. John Marriott. illus NATO's Fifteen Nations 24:72-74+ Oct-Nov '79

MEDE (Military Electronics Defence Expo) '80: Success amidst protest. illus Intl Def Rev 13, No. 9: 1463-1467 '80

ELECTRONIC EQUIPMENT - ContinuedExhibitions - Cont'd

MEDE (Military Electronics Defence Expo) '80, Wiesbaden. illus Armada Intl 4:142+ Jul-Aug '80

MEDE '80 a success. Stefan Geisenheyner. illus Def Elect 12:49-50+ Dec '80

Weapons, electronics share spotlight at ADEX '80. Richard Hartman. illus Def Elect 12:25-26+ May '80

Maintenance and Repair

Beaming in on the disposable radio. Carroll E. Garrison. illus Def Mgt J 16:28-31 Third Quarter '80

Reliability

Computerized reliability prediction available to DOD agencies. TIG Brief 32:10 Mar 21 '80

ELECTRONIC EQUIPMENT (AIRCRAFT)

ALR-67/69 replacement program under way. Def Elect 12:29 Jul '80

AWADS + SKE = on target. illus Air Reservist 32:11 Jun '80

Airborne Early Warning--two major systems for Europe. Dan Boyle. illus tab Interavia 35:695-701 Aug '80

Beech/Elettronica collaborate on maritime ESM system. illus Def Elect 12:51-52 Sep '80

Electronics--a major growth area. illus Interavia 35: 778-782 Sep '80

Electronics: Autopilot of the future. Deborah M. Kyle. Armed Forces J Intl 117:38 Jun '80

House approves \$4.5-M for Air Force evaluation of alternate EW jammer. Deborah M. Kyle. Armed Forces J Intl 118:18+ Nov '80

Navy picks AN/AAD-5 infrared reconnaissance set for its tactical air reconnaissance pod system. Ralph L. Nardone. illus Def Elect 12:23-24+ Oct '80

New entrant to the cockpit display competition? Eric Biass. illus Interavia 35:438 May '80

New hardware. Regular feature in some issues of
Military Electronics/Countermeasures

New life for aging warplanes. Doug Richardson. illus Aerosp Intl 16:32+ Nov-Dec '80

Surveillance boosted for Iran-Iraq War. Jay Miller. illus AF Times 41:38 Oct 27 '80

Thomson-CSF TMV 026 EW system. illus Armada Intl 4:60+ May-Jun '80

Testing

Integrating microprocessor characterization and test data for use in systems design. John D. Shea. illus tabs Def Elect 12:91-92+ Sep '80

ELECTRONIC EQUIPMENT, MINIATURE

Alpha particle-induced soft errors in microelectronic devices. Capt D. John Redman and others. tabs illus Mil Elect/Countermeasures pt 1, 6:42-47 Mar '80; pt 2, 6:40+ Apr '80

ELECTRONIC EQUIPMENT, MINIATURE - Continued

- Defense microelectronics. Regular feature in some issues of Defense Electronics
- European weapon control systems jump in capability. Stefan Geisenheyner. illus Def Elect 12:86+ Oct '80
- Have electronic subcontractors become the "backbone of DOD?" Benjamin F. Schemmer. illus Armed Forces J Intl 117:54 Feb '80
- Mil IC directory. illus tabs Mil Elect/Countermeasures 6:37+ Feb '80
- Military integrated circuit directory. 7th ed. tabs Mil Elect/Countermeasures 6:IC1-54 Aug '80
- Military microcircuit activity. Regular feature in issues of Military Electronics/Countermeasures

ELECTRONIC FUNDS TRANSFER SYSTEM

- AGMC (Aerospace Guidance and Metrology Center) goes EFT (Electronic Funds Transfer) for civilian payroll in DOD. Capt William R. T. Murray. illus AF Compt 14:19+ Apr '80

ELECTRONIC INDUSTRY AND TRADE

- Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal
- New products and technology. Regular feature in some issues of Interavia
- Thermal imaging common modules programs hit heavy weather. Mark Hewish. illus Intl Def Rev 13, No. 9:1468-1470 '80
- View from the top. (Interviews with outstanding executives in the electronic field) Regular feature in issues of Military Electronics/Countermeasures

Directories

- 1980 (2d annual) Defense Electronics Marketing & Buyers' Guide. tabs Def Elect 12:45+ Mar '80; Supplement. 12:87-89+ Jun '80

Exhibitions

- AFCEA 80 Show and Conference (Washington, June 24-26, 1980): Heavy stress on communications. illus Interavia 35:729-731 Aug '80
- Defense electronics community converges on MEDE (Military Electronics Defence Expo) '80. illus Def Elect 12:109-112+ Sep '80
- MEDE (Military Electronics Defence Exhibitions) seen from the air. illus Aerosp Intl 15:54+ Oct-Nov '79
- MEDE (Military Electronics Defence Expo) '79. John Marriott. illus NATO's Fifteen Nations 24:72-74+ Oct-Nov '79
- MEDE (Military Electronics Defence Expo) '80: Success amidst protest. illus Intl Def Rev 13, No. 9: 1463-1467 '80
- MEDE (Military Electronics Defence Expo) '80, Wiesbaden. illus Armada Intl 4:142+ Jul-Aug '80
- MEDE '80 a success. Stefan Geisenheyner. illus Def Elect 12:49-50+ Dec '80

ELECTRONIC INDUSTRY AND TRADE - ContinuedExhibitions - Cont'd

- The siege of the MEDE (Military Electronics Defence Expo) site. Robert Heck. illus Armada Intl 4:60+ Sep-Oct '80

China (People's Republic)

- PRC military electronic systems evaluated. Scott James. illus tabs Def Elect 12:69-70+ Jun '80

Germany (Federal Republic)

- West Germany's defense electronics. Robert Heck. illus Armada Intl 4:114+ Jul-Aug '80

Great Britain

- Electronics--a major growth area. illus Interavia 35: 778-782 Sep '80

- Sea Searcher contract. illus Asian Def J No. 3:132-133 May-Jun '80

Israel

- Military electronics--the Israeli way. Felix Muller. illus Armada Intl 4:50-52+ May-Jun '80

- They make aircraft too: IAI (Israel Aircraft Industries), Israel's technology base. Felix Müller. illus Armada Intl 4:18+ Jan-Feb '80

United States

- Can VLSI growth continue? Guest editorial. I.R. Saddler. tabs Mil Elect/Countermeasures 6:98-99 Feb '80
- (Communications and electronic industries as they relate to and support our Armed Forces) (Banquet address, AFCEA Convention, Washington, June 25, 1980) Gen Russell E. Dougherty, Ret. illus Signal 34:28-30 Aug '80
- Defense electronics contractors jumping into IC manufacturing. Dick Walton. illus tabs Def Elect 12: 67-68+ Feb '80
- Firms (Burroughs Corp and Sperry Univac) vie for computer job. AF Times 41:10 Dec 15 '80
- Have electronic subcontractors become the "backbone of DOD?" Benjamin F. Schemmer. illus Armed Forces J Intl 117:54 Feb '80
- Intersil views CMOS as VHSIC gold. illus Mil Elect/Countermeasures 6:66-67 Apr '80
- Is DOD a competitive force in the semiconductor market? John Callahan. Armed Forces J Intl 117:48+ Jun '80
- Meeting of the clan in New York City. (1st annual electronic warfare conference, April 10, 1980) illus tab Def Elect 12:35-37 Jul '80
- Revolutionizing the State-of-the-Art: What's happening in the world of buttons and wires. Deborah M. Kyle. illus Armed Forces J Intl 117:34-35 Jun '80
- U.S. defense electronics: Strangled or free? Jacquelyn S. Porth. Def & For Aff 8:37-39 Nov '80
- Unprecedented corporate commitment seen in VHSIC program. Murry Shohat. illus tabs Mil Elect/Countermeasures 6:26+ Apr '80

ELECTRONIC INDUSTRY AND TRADE - ContinuedUnited States - Cont'd

VHSIC's impact on industry. David H. Moore and William J. Towle. illus tabs Mil Elect/Countermeasures pt 1, 6:48+ Nov '80

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 63:51-53 Jul '80

What's new in silicon valley? VHSIC program/recession may help semiconductor industry quicken delivery of state-of-the-art circuits to military contractors. Ronald C. Floyd. Armed Forces J Intl 117:36+ Jun '80

Directories

Mil IC directory. illus tabs Mil Elect/Countermeasures 6:37+ Feb '80

Military integrated circuit directory. 7th ed. tabs Mil Elect/Countermeasures 6:IC1-54 Aug '80

ELECTRONIC RECEIVING EQUIPMENT

ELISA (ELectronic Intelligence, Search, and Analysis): New high-sensitivity receiver designed for elint and surveillance. John B. Beach. illus Def Elect 12:14-15 Oct '80

Log amplifiers balance IF and RF signals for radar and ECM receivers. M. Parkyn. illus tabs Def Elect 12:84-88 Dec '80

ELECTRONIC RESEARCH

Defense electronics R&D roundup. Regular feature in issues of Defense Electronics

The Royal Signals & Radar Establishment. illus maps Asian Def J No. 2:78-79+ Mar-Apr '80

Soviet basic research for communications applications. Orville R. Harris. illus Signal 34:47-51 Jan '80

Soviet lead in carcinotrons: "At least 5 years." illus tab Mil Elect/Countermeasures 6:48+ Jun '80

ELECTRONIC SECURITY COMMAND

Electronic Security Command. illus chart AF Mag 63:78-79 May '80

New (Electronic Security) Command has career plan going. AF Times 41:38 Nov 3 '80

Something in the wood works. (AFSC's huge wooden TRESTLE, basis of the ElectroMagnetic Pulse (EMP) test facility) Sgt Craig Pugh. illus Airman 24:25-29 Jan '80

ELECTRONIC SWITCHING see Switching SystemsELECTRONIC SYSTEMS DIVISION

Electronics takes to the offensive. Edgar Ulsamer. illus AF Mag 63:41-50 Jul '80

How SAC communicates. Dennis R. Brown and Herbert R. Dimmick. illus Armed Forces J Intl 117: 62+ Feb '80

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 63:51-53 Jul '80

ELECTRONIC TRANSMITTING EQUIPMENT

Fiber optics in tactical systems. illus Mil Elect/Countermeasures 6:36-37+ Jun '80

ELECTRONIC WARFARESee also

Electronic Countermeasures

Advanced concepts for tactical surveillance and target acquisition. Col Donald J. Stukel. illus Signal 35: 45-47 Oct '80

Air defense suppression in a Central European theatre. Konrad Alder. illus tabs Armada Intl 4:60-62+ Mar-Apr '80

C³/EW in Europe--can NATO get its electrons together? Deborah M. Kyle and Benjamin F. Schemmer. illus tab Armed Forces J Intl 118:24-25+ Sep '80

C³/EW/I is getting more money, but especially more visibility. Benjamin F. Schemmer. Armed Forces J Intl 117:49-50 Feb '80

The CEWI (Combat Electronic Warfare Intelligence) battalion: A tactical concept that works. LtCol Don E. Gordon. illus Mil Rev 60:2-12 Jan '80

Defense electronics perspective. Regular feature in issues of Defense Electronics

Defense electronics review. Regular feature in issues of Defense Electronics

EW and the cultural barrier. David Harvey. illus Def & For Aff 8:44-46 Oct '80

EW today & tomorrow: Two views. Mil Elect/Countermeasures 6:70+ Oct '80

Electromagnetic combat. MajGen Gerald J. Carey, Jr. illus AF Mag 63:83-87 Jul '80

The electronic battle. LtCol Don E. Gordon. illus Infantry 70:22-24 May-Jun '80

Electronic environments. Regular feature in some issues of Defense & Foreign Affairs

Electronic warfare--a shifting balance. WgComdr M. T. Thurbon, Ret. RUSI J for Def Studies 125: 38-43 Jun '80

Electronic warfare in naval operations. Mario De Arcangelis. illus Armada Intl 4:40-42+ Mar-Apr '80

Electronic warfare: Realities and readiness. Capt Richard A. Stewart. illus MarCor Gaz 64:71-75 Jul '80

Electronics in warfare: A look ahead. Robert J. Hermann. illus AF Mag 63:76-80 Jul '80

Evaluating C³ systems in joint exercises. Joseph S. Toma. illus Signal 34:38-40+ Apr '80

Green Flag now defines electronic warfare as an offensive weapon. Majs Frank A. Parker and Arthur W. Ritter. illus Def Elect 12:59-60+ Oct '80

Interceptability and jammer performance: An argument for signal processing intercept receivers. Robert S. Graziano. illus tabs Mil Elect/Countermeasures 6:62-64+ Oct '80

ELECTRONIC WARFARE - Continued

- Interoperability and EW. Michael T. Thurbon. Signal 34:13+ Apr '80
- Maskirovka: Are the Russians taking us down the garden path? Scott James. illus Def Elect 12:43-44+ Aug '80
- Meeting of the clan in New York City. (1st annual electronic warfare conference, April 10, 1980) illus tab Def Elect 12:35-37 Jul '80
- NATO needs and plans revealed. Richard Hartman. Def Elect 12:35-36 Feb '80
- (Naval electronic warfare) Interview. RADM Albert A. Gallotta. illus Mil Elect/Countermeasures 6:16+ Feb '80
- Navy electronic warfare and counter C³ programs. RADM A.A. Gallotta, Jr. illus Signal 35:19-22 Oct '80
- Perspectives of EW. MajGen William I. Rolya. Signal 34:19-20 Apr '80
- RAF orders new EW engagement simulator. illus Def Elect 12:27 Dec '80
- SOTAS (StandOff Target Acquisition System)--catalyst for the combined arms team. Col Wayne B. Davis. illus Signal 35:31-34 Oct '80
- Something in the wood works. (AFSC's huge wooden TRESTLE, basis of the ElectroMagnetic Pulse (EMP) test facility) Sgt Craig Pugh. illus Airman 24:25-29 Jan '80
- Thomson-CSF TMV 026 EW system. illus Armada Intl 4:60+ May-Jun '80
- Threat REC--an integral part of Soviet doctrine. Maj Forrest D. Williams. illus USA Avn Dig 26:30-31 May '80
- Tomorrow's war today. BrigGen Jerry Max Bunyard. illus AF Mag 63:64-67 Oct '80
- The U.S. Navy in transition. Raymond T. Tate. Signal 34:33-35 Apr '80
- VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No. 6:887-890 '80
- VMAQ-2: The Corps' only electronic warfare squadron. Maj C.L. Plunkett. illus tab MarCor Gaz 64: 80-83 May '80
- "War in the ether": Soviet radio-electronic warfare. Maj Barney F. Slayton. illus map Mil Rev 60:56-68 Jan '80
- "What electronic warfare does is add confusion to the battlefield." Interview. Gerald P. Dinneen. illus Armed Forces J Intl 117:35+ Feb '80
- Winning the victory before the battle. Maj Robert C. Anderson, Jr. illus Signal 34:111-112+ May-Jun '80

Study and Teaching

- Counter command and control in conceptual perspective. LtCol John E. Rothrock, Jr. AU Rev 31:94-101 Jan-Feb '80

ELECTRONIC WARFARE - ContinuedStudy and Teaching - Cont'd

- Navy postgraduate education: Keeping pace with advancing EW technology. CDR R.A. Persell, Jr. illus tab Signal 34:27-29 Apr '80
- Spotlight on senior and staff officer EW training. Capt Carl S. Guinsler. illus Navigator 27:14-15 Summer '80
- Super realistic combat training for B-52 EWOs. Richard Hartman. illus Def Elect 12:83-84+ Sep '80

China (People's Republic)

- PRC military electronic systems evaluated. Scott James. illus tabs Def Elect 12:69-70+ Jun '80

Europe, Western

- European EW systems gaining on the U.S. Stefan Gelsenheyner. illus Def Elect 12:59-62+ Sep '80

Russia

- Countering the Soviet EW threat to field artillery communications. Capt Mark O. Oetken. illus tabs Fld Arty J 48:44-47 Mar-Apr '80

- EW--the Soviet's fourth dimension of warfare. CAPT William J. Ruhe, Ret. Signal 34:23-25 Apr '80

United States

- U.S. electronic warfare as seen through Communist eyes. Richard Hartman. illus Def Elect 12:8+ Jul '80

ELECTRONICSSee also

- Avionics
- Army outlook--smart weapons and digital secure communications. Percy A. Pierre. illus Def Elect 12:65-66+ Nov '80
- Electronics & C³--moving into the 80s. Deborah M. Kyle. Armed Forces J Intl 117:20 Apr '80
- Electronics takes to the offensive. Edgar Ulsamer. illus AF Mag 63:41-50 Jul '80
- Military electronics--the Israeli way. Felix Müller. illus Armada Intl 4:50-52+ May-Jun '80
- Revolutionizing the State-of-the-Art: What's happening in the world of buttons and wires. Deborah M. Kyle. illus Armed Forces J Intl 117:34-35 Jun '80
- What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 63:51-53 Jul '80

ELECTRONICS RESEARCH AND DEVELOPMENT COMMAND

- ERADCOM provides the Army's electronic thrust. MajGen A.N. Stubblebine III. illus Def Elect 12: 76-78+ Nov '80

ELECTRO-OPTICS

- Briefing the TA (Terrain Avoidance) tactic. Capt Chris Moore. illus Combat Crew 30:8-9 Nov '80

ELECTRO-OPTICS - Continued

Electronic warfare in naval operations. Mario De Arcangelis. illus Armada Intl 4:40-42+ Mar-Apr '80

Eyes for the Navy? CDR Harold M. Olson. illus US Nav Inst Proc 106:113-115 Jul '80

Inflight coordination. Capt Chris Moore. Combat Crew 30:15 Dec '80

Let's talk TA/EVS (Terrain Avoidance/Electro-optical Viewing System). Maj J. Doug Ellinger. illus Combat Crew pt 1, 30:4-7 May '80; pt 2, 30:10-11 Jul '80

Let's talk TA/EVS (Terrain Avoidance/Electro-optical Viewing System). Capt Chris Moore. illus Combat Crew 30:7 Sep '80

ELLIS, Richard H.

Airpower and national defense. (Presentation, First State Flight of the Order of Daedalians, Dover AFB, DE, June 6, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 10-14, Aug '80

Force projection: The conventional side of SAC's strategic mission. Gen R.H. Ellis. TIG Brief 32: 1-2 Aug 8 '80

Olympic Arena '80--competing in the new decade. Gen R.H. Ellis. por Combat Crew 30:2-3 Apr '80

SAC looks at the '80s. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 2:24-30 Feb '80

SAC's dual edged sword. Gen Richard H. Ellis. por NATO's Fifteen Nations 25:18-20+ Apr-May '80

Strategic Air Command. por AF Mag 63:86+ May '80

Strategic air power. Gen Richard H. Ellis. RUSI J for Def Studies 125:3-8 Mar '80

U.S. strategic deterrent capability. (Presentation, 49th Annual Meeting, Utah State Bar, Salt Lake City, July 18, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 6-11, Sep '80

EMBARGO

Economic sanctions as a foreign policy tool? Otto Wolff von Amerongen. Intl Sec 5:159-167 Fall '80

EMERGENCY POWERS see War and Emergency Powers

EMERGING NATIONS see States, New

EMOTIONSSee also

Fear

Electroencephalographic correlates of human emotional stress. P.V. Simonov and M.N. Rusalova. tabs Aviation, Space & Envmt Med 51:1109-1111 Oct '80

Fear and pain. (Report of a seminar held at RUSI, Nov 7, 1979) AVM Patrick O'Connor and others. RUSI J for Def Studies 125:69-74 Sep '80

A mature, professional approach to our daily frustrations. TIG Brief 32:11 Feb 8 '80

EMPLOYMENT AND UNEMPLOYMENTSee also

Moonlighting

Advertisements for civilian employment. TIG Brief 32:16 Apr 18 '80

Air Force Hispanic Employment Program (HEP) initiatives. TIG Brief 32:10 Oct 17 '80

Airlines' slump--pilots, navs returning. John Ginovsky. AF Times 41:1+ Nov 17 '80

Back to business: A retiree's wife learns there's nothing to fear but fear itself. Patricia Bloebaum. illus AF Times, Times Magazine sup:14-16 Dec 8 '80

Fight for retired officers' rights goes to Supreme Court. Deborah M. Kyle. Armed Forces J Intl 117:16 May '80

Hiring nationals over Americans (at U.S. military installations in 14 countries) is ruled illegal. AF Times 41:4 Oct 6 '80

Job sharing: Military wives find a new approach to part-time work. Anna L. Conroy. illus AF Times, Times Magazine sup:54-56 Sep 1 '80

Less than 1 year's duty: No jobless pay. (Unemployment Pension Plan Amendments of 1980) AF Times 41:37 Nov 10 '80

'74 'job act' (Comprehensive Employment and Training Act) may help kin in low-income families. AF Times 40:24 Jul 7 '80

O'seas kin jobs get OPM boost. Don Mace. AF Times 41:1+ Aug 25 '80

(Pentagon transition) team wants exemption from civilian freeze. Tom Philpott. AF Times 41:3 Dec 22 '80

Re-employment rights law little known. Officer 56:26 May '80

Retiree takes job in Israel, loses \$\$. AF Times 41:6 Sep 8 '80

Rossi decision: Rehearing urged on foreign hiring. Tom Philpott. AF Times 41:4 Nov 17 '80

Veteran status, earnings, and race--some long term results. Roger D. Little and J. Eric Fredland. tabs illus Armed Forces & Soc 5:244-260 Winter '79; Commentary. Patricia M. Shields. 7:171-173; Rejoinder. 7:174-175 Fall '80

ENERGY BEAM WEAPONS see Beam Weapons

ENERGY CONSERVATIONSee also

Computers--Energy Conservation Applications

ATC flow management: Fuel is the spur and data links the key. Dan Boyle and Chris Bulloch. illus tab map Interavia 35:327-331 Apr '80

Building the industrial base--DARCOM and the Corps of Engineers. Gen John R. Guthrie. illus tabs Mil Engr 72:393-396 Nov-Dec '80

Checklist for facility energy conservation measures. TIG Brief 32:11-14 Apr 18 '80

ENERGY CONSERVATION - Continued

- Cogeneration plants: Expedient energy conservation. Fritz E. Hein. illus tab Mil Engr 72:100-103 Mar-Apr '80
- Computerized flight management for fuel saving. Chris Bulloch. illus Interavia 35:1010-1012 Nov '80
- Continuing emphasis on vehicle mileage reductions and associated petroleum conservation. TIG Brief 32:13 Oct 17 '80
- DOD against billing people for excess energy use. Randy Shoemaker. AF Times 40:3 Mar 17 '80
- EMCS (Energy Monitoring and Control System): What it is, what it can do. Edward H. Ling. illus AF Engrg & Svcs Qtr 21:6-8 Nov '80
- Energy conservation: The 55-mph speed limit. TIG Brief 32:11 Jun 27 '80
- Energy security and the hydrogen economy. Harvey B. Silverstein. illus Nav War Col Rev 33:48-62 Sep-Oct '80
- Federal activists. H. Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12: 41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-40 Dec '80
- Flattening the demand for power (at Little Rock AFB, AR). William E. Arnold. illus tab AF Engrg & Svcs Qtr 21:33-34 Nov '80
- Fort Eustis (VA): A new leader in energy conservation. illus tabs Translog 11:5-6 Aug '80
- Fuel conservation. TIG Brief 32:15 Feb 22 '80
- Fuel conservation: A challenge to the transportation industry. illus Translog 11:5-9 Jun '80
- Fuel conservation: More tips. TIG Brief 32:11 May 16 '80
- Fuel costs pinch muscle. Interview. LtGen Hans H. Driessnack. AF Times 40:4 Feb 25 '80
- Fuel economy and the trucking industry. Richard F. Poist and Lawrence M. O'Connor. illus tabs Def Trans J 36:18-22+ Apr '80
- Fuel goals set in energy approach. AF Times 40:20 Mar 24 '80
- Gas costs spark test of electrics. John Ginovsky. AF Times 41:10 Dec 22 '80
- Hot water at less than half the cost. Capt John L. Heiser. illus AF Engrg & Svcs Qtr 21:32-33 Feb '80
- How energy-efficient is your home? (DOE's Residential Conservation Service) AF Times 41:15 Aug 4 '80
- The impact of energy costs on acquisition contracting. Vaughn R. Pleasant. Def Sys Mgt Rev 3:69-76 Spring '80
- McClellan (AFB, CA) energy showcase base. Maj George Kastanos. illus AF Engrg & Svcs Qtr 21: 24-27 May '80

ENERGY CONSERVATION - Continued

- Managing energy: Lessons from industry. LtCol W.J. Flanagan and H. Reed Muller. illus Army Log 12: 12-15 Jan-Feb '80
- Meter plan pushed. Randy Shoemaker. AF Times 40:6 Jul 7 '80
- New accounting system aims to trim fuel needs. AF Times 41:17 Aug 11 '80
- Potentials for energy savings in U.S. shipping. Ernst G. Frankel. illus tab US Nav Inst Proc 106: 101-103 Jun '80
- Refuse-fired plant (Hampton, VA) will save 2 million gallons of oil a year. AF Times 41:46 Oct 27 '80
- Restricting ground fuel issues to transient vehicles: Energy conservation? TIG Brief 32:11 Jun 27 '80
- Robins (AFB, GA) making an all-out effort to conserve energy. AF Times 41:36-37 Nov 17 '80
- Saving gas: Cutting energy costs on each Coast. Tony Upton. Govt Exec 12:64+ Jun '80
- Successful energy conservation demands community involvement. 1stLt John A. Burzynski. AF Engrg & Svcs Qtr 21:15-16 Feb '80
- Testing the Navy's professional and managerial skills. RADM Donald G. Iselin. illus chart Mil Engr 72:9-13 Jan-Feb '80
- Trash to energy via RDF (Refuse-Derived Fuel). Leon Glaspell and Thomas E. Shoup. illus tab AF Engrg & Svcs Qtr 21:13-16+ Nov '80
- Truck transportation in a fuel-short economy. Donald L. McMorris. tabs Def Trans J 36:32-34+ Sep '80
- The USAF Logistics Command and the energy crisis. Gen Bryce Poe II. illus Strat Rev 8:78-84 Spring '80
- Use of gasohol endorsed by AF. AF Times 41:7 Oct 20 '80
- Vehicle fleet fuel efficiency initiatives. TIG Brief 32:6 Aug 29 '80
- Vehicles being 'downsized' to save gas. John Ginovsky. AF Times 41:11 Sep 15 '80
- What's happening to waste POL (Petroleum, Oil, and Lubricants)? TIG Brief 32:20 Feb 8 '80

ENERGY CRISIS

- Brown: Oil price hikes hurt U.S. defense. Harold Brown. AF Times 40:22 Jul 14 '80
- Conflict in the Middle East: Time for an American energy contingency plan. Edward Teller. illus Parameters 10:16-19 Dec '80
- Energy, America, and the military--can we get there from here? LtCol Joseph A. Breen. illus tabs AU Rev 32:42-55 Nov-Dec '80
- Energy: Back to basics. Richmond M. Lloyd. Nav War Col Rev 33:93-98 May-Jun '80
- Energy, economics and security in alliance perspective. Robert J. Lieber. tabs Intl Sec 4:139-163 Spring '80

ENERGY CRISIS - Continued

- Energy: Economics, politics, and security. David A. Deese. Intl Sec 4:140-153 Winter '79/'80
- Energy issues and time availabilities. John Patrick Walsh. illus AU Rev 32:17-33 Nov-Dec '80
- Energy: Spark of future conflict? Capt Charles A. Royce. AU Rev 31:107-110 Jul-Aug '80
- Energy: Will the political arena survive the decision process. illus Govt Exec 12:17+ Mar '80
- The impact of the energy problem on world affairs. John Patrick Walsh. Log Spectrum 14:9-14 Summer '80
- (1980 American Defense Preparedness Assoc Annual Meeting, Washington, April 16-17, 1980) illus Natl Def 65:51-55+ Aug '80
- (Nuclear power) (Industrial luncheon address, AFCEA Convention, Washington, June 26, 1980) Rep Richard B. Cheney. illus Signal 34:36-39 Aug '80
- Standby for gas rationing. A. L. Allen. Review 58: 33-34 Mar-Apr '80
- The USAF Logistics Command and the energy crisis. Gen Bryce Poe II. illus Strat Rev 8:78-84 Spring '80
- The world oil crisis and U.S. power projection policy: The threat becomes a grim reality. Bridget Gail. illus Armed Forces J Intl 117:25-27+ Jan '80
- World oil production and security of supplies. Ray Dafter. tabs Intl Sec 4:154-176 Winter '79/'80

ENERGY DEPT

- GAO calls illegal \$4 million EM oil refund. AF Times 41:6 Oct 27 '80
- 100,000 EM to share unusual fuel \$ refund. Tom Philpott. AF Times 41:1+ Jul 28 '80
- Standby for gas rationing. A. L. Allen. Review 58: 33-34 Mar-Apr '80
- 3 commands will get (solar) energy data. AF Times 41:45 Aug 11 '80

ENERGY POLICY

- Energy: Economics, politics, and security. David A. Deese. Intl Sec 4:140-153 Winter '79/'80
- A hydrocarbon Rapallo? R. James Woolsey. Armed Forces J Intl 118:61 Sep '80

United States

- Conflict in the Middle East: Time for an American energy contingency plan. Edward Teller. illus Parameters 10:16-19 Dec '80
- Energy, America, and the military--can we get there from here? LtCol Joseph A. Breen. illus tabs AU Rev 32:42-55 Nov-Dec '80
- Energy: Back to basics. Richmond M. Lloyd. Nav War Col Rev 33:93-98 May-Jun '80
- Energy for today and tomorrow. James G. Stanley. illus Mil Engr 72:82-86 Mar-Apr '80
- Energy issues and time availabilities. John Patrick Walsh. illus AU Rev 32:17-33 Nov-Dec '80

ENERGY POLICY - ContinuedUnited States - Cont'd

- Energy notes. Regular feature in issues of National Defense
- Energy security and the hydrogen economy. Harvey B. Silverstein. illus Nav War Col Rev 33:48-62 Sep-Oct '80
- Energy: Will the political arena survive the decision process. illus Govt Exec 12:17+ Mar '80
- The USAF Logistics Command and the energy crisis. Gen Bryce Poe II. illus Strat Rev 8:78-84 Spring '80
- U.S. energy efficiency improvements. Def & For Aff 8, No. 6:48 '80
- Why Alaska is case-in-point of 'no growth' Federal energy policy. illus tab Govt Exec 12:36-37 Aug '80
- Why foreign policy will determine domestic tranquility in the 1980's. illus tab Govt Exec 12:14+ Dec '80
- Why government amateurs can't solve energy problems. illus Govt Exec 12:38+ Jul '80
- The world oil crisis and U.S. power projection policy: The threat becomes a grim reality. Bridget Gail. illus Armed Forces J Intl 117:25-27+ Jan '80

ENERGY RESEARCH

- Coal--a long-term energy alternative. LtCol Robert J. Jamsky. illus AU Rev 32:34-41 Nov-Dec '80
- Energy notes. Regular feature in issues of National Defense
- Energy security and the hydrogen economy. Harvey B. Silverstein. illus Nav War Col Rev 33:48-62 Sep-Oct '80
- Energy: Will the political arena survive the decision process. illus Govt Exec 12:17+ Mar '80
- Keep our energy options open. (Research at Sandia National Laboratories) James Howard Scott. illus Def Trans J 36:25-31 Apr '80
- Tapping underground energy--AF might apply geothermal plans. AF Times 40:4 Apr 7 '80
- 3 commands will get (solar) energy data. AF Times 41:45 Aug 11 '80
- The USAF Logistics Command and the energy crisis. Gen Bryce Poe II. illus Strat Rev 8:78-84 Spring '80

ENERGY RESOURCES see Power ResourcesENGELS, Friedrich

- The origin and essence of wars. Maj-Gen A. Babin. por Soviet Mil Rev No. 11:10-12 Nov '80

ENGINEER CENTERS AND SCHOOLSDefense Dept

- Design center (ICE Design Center, Scottsdale, AZ) to bring systems engineers up to speed. Anthony Wainwright. illus Def Elect 12:36-37 Aug '80

ENGINEERING

See also specific types of engineering, e.g.,
Aeronautical Engineering
Civil Engineering
Military Engineering

Coast Guard engineering--the next decade. RADM Donald C. Thompson. illus chart Mil Engr 72:19-23 Jan-Feb '80

"Do-it-yourself" logistics engineering in Strategic Air Command. Col James K. Streett. AF J Log 4:18-19 Spring '80

From military to civilian engineering: A career dilemma. Col George B. Gray. illus Mil Engr 72:244-246 Jul-Aug '80

Study and Teaching

Engineering education at West Point. LtCol William D. Siuru, Jr. illus tabs Mil Engr 72:248-251 Jul-Aug '80

The university of tomorrow (AFIT). Robert K. Ruhl. illus Airman 24:21-29 Nov '80

ENGINEERING RESEARCH

The Royal Signals & Radar Establishment. illus maps Asian Def J No.2:78-79+ Mar-Apr '80

Subsurface engineering. Ralph B. Peck. illus tab Mil Engr 72:172-174 May-Jun '80

ENGINEERS

See also specific types of engineers, e.g.,
Aeronautical Engineers

Can VLSI growth continue? Guest editorial. I.R. Saddler. tabs Mil Elect/Countermeasures 6:98-99 Feb '80

How ready are you for engineer registration? John D. Constance. illus Mil Engr 72:235-238 Jul-Aug '80

Soviet scientific/technical manpower: Much more than a simple numbers game. Jill E. Heuer. illus tab Govt Exec 12:34+ Apr '80

Air Force

Effective use of engineering design man-hours. TIG Brief 32:10 Jul 11 '80

The engineer and A-109. TIG Brief 32:15 Sep 26 '80

Lack of support officers approaches acute stage. John Ginovsky. AF Times 41:3 Oct 20 '80

'Making valuable contributions.' Gen Alton D. Slay. illus Air Reservist 32:10-11 Dec '79-Jan '80

Next: Shortage of engineers. John Ginovsky. AF Times 41:19 Dec 29 '80

Slay: 'We are a nation ... of scientific illiterates.' John Ginovsky. AF Times 41:1+ Dec 22 '80

Army

The antitank ditch--reviving an old concept. John F. Rybicki. illus tab Mil Engr 72:418-421 Nov-Dec '80

ENGINEERS - ContinuedArmy - Cont'd

Engineer support for the combined arms team. Col Albert F. Dorris. illus Armor 89:39-43 Sep-Oct '80

Engineering education at West Point. LtCol William D. Siuru, Jr. illus tabs Mil Engr 72:248-251 Jul-Aug '80

The professional development of engineers. Col Forrest T. Gay III. illus Mil Engr 72:240-243 Jul-Aug '80

ENGINES

See also specific types of engines, e.g.,
Diesel Engines
Jet Engines

also subdivision Engines under specific subjects, e.g.,

Airplanes--Engines
Airplanes, Fighter--Engines
Airplanes, Military--Engines
Airplanes, V/STOL--Engines
Helicopters--Engines
Helicopters, Military--Engines
Rockets--Engines

Maintenance and Repair

AOAP (Army Oil Analysis Program): There's gold in that there oil. James M. McGonigle. illus Army Log 12:34-36 Mar-Apr '80

ENLISTED PERSONNELSee also

Airmen
Noncommissioned Officers
Soldiers

The Admiral's land command. (RADM Thomas F. Brown III, current head of the Military Enlistment Processing Command) Sgt Craig Pugh. illus Airman 24:40-43 Nov '80

BAS backed for E-5, above. Tom Philpott. AF Times 41:1+ Dec 1 '80

'Barracks' COLA lost; 'MALT-Plus' has chance. Martha Lynn Craver. AF Times 41:3 Dec 8 '80

College aid of \$1200 a year asked for EM. Martha Lynn Craver. AF Times 40:1+ May 19 '80

Enlistment test scores: What do they really measure? Robert B. Pirie, Jr. illus Defense/80, pp 10-13, Jun '80

GAO calls illegal \$4 million EM oil refund. AF Times 41:6 Oct 27 '80

More singles may get BAS. Tom Philpott. AF Times 41:1+ Dec 15 '80

100,000 EM to share unusual fuel \$ refund. Tom Philpott. AF Times 41:1+ Jul 28 '80

O'sea singles COLA urged. Tom Philpott. AF Times 41:1+ Nov 24 '80

Report: Leadership schools waste \$\$\$. AF Times 41:30 Dec 15 '80

'Singles' COLA overseas urged. Tom Philpott. AF Times 41:1+ Nov 3 '80

ENLISTMENT see

Recruiting and Enlistment
Reenlistment

ENTEBBE RAID, 1976

Strike against terror! The Entebbe raid. Capt E. Douglas Menarchik. tabs map AU Rev 31:65-76 Jul-Aug '80

ENVIRONMENT

See also

Pollution

Challenges from the environment. LtCol Thomas E. Peot. illus AF Engrg & Svcs Qtr 21:2-5 Nov '80

ELF (Extremely Low Frequency) debate continues. Col Warren P. Baker, Ret. illus Sea Power 23: 55-57 Apr '80

Environmental considerations for project planners and managers. TIG Brief 32:10 May 2 '80

Environmental impacts of the Aswan High Dam. Edward K. Bryant. illus map tab Mil Engr 72:181-183 May-Jun '80

The Environmental Symptoms Questionnaire: Revisions and new field data. James B. Sampson and John L. Kobrick. tabs Aviation, Space & Envmt Med 51:872-877 Sep '80

Forests--the Army's greens. SP5 Bill Branley. illus Soldiers 35:46-48 Jul '80

Industrial ventilation. TIG Brief 32:14 Feb 8 '80

Keeping nature's delicate balance. Karen McKay. illus AF Times 40:18 Apr 7 '80

Laws and Regulations

Enhancing air quality. TIG Brief 32:11-12 Oct 31 '80

Environmental law issues. TIG Brief 32:17-18 Jul 25 '80

The new Council on Environmental Quality regulations: The tiger's new teeth. Maj Laurent R. Hourcle. AF Law Rev 21, No. 3:450-461 '79

ENVIRONMENT, SPACE see Space EnvironmentENVIRONMENTAL PROTECTION AGENCY

'Cradle to grave' control of hazardous wastes pushed. John Ginovsky. AF Times 41:1+ Sep 8 '80

Environmental law issues. TIG Brief 32:17-18 Jul 25 '80

ENVIRONMENTAL PROTECTION RESEARCH

See also related subjects, e.g.,
Clothing, Protective
Desert Operations

Battling unseen enemies--environmental health specialists. SP5 Lana Ott. illus Soldiers 35:47-49 Aug '80

The birds & the booms. Lewis Shotton. illus AF Engrg & Svcs Qtr 21:11-12 Nov '80

ENVIRONMENTAL PROTECTION RESEARCH -

Continued

Challenges from the environment. LtCol Thomas E. Peot. illus AF Engrg & Svcs Qtr 21:2-5 Nov '80

The role of the specialist in environmental medicine. (Harry G. Armstrong Lecture) John Rawlins. illus Aviation, Space & Envmt Med 51:908-912 Sep '80

ENVIRONMENTAL SERVICES

Battling unseen enemies--environmental health specialists. SP5 Lana Ott. illus Soldiers 35:47-49 Aug '80

EQUAL EMPLOYMENT OPPORTUNITY see Equal OpportunityEQUAL OPPORTUNITY

Air Force Hispanic Employment Program (HEP) initiatives. TIG Brief 32:10 Oct 17 '80

EO plan gains sex abuse section. Len Famiglietti. AF Times 40:3 Mar 10 '80

How's your equality quotient? TIG Brief 32:8 Nov 14 '80

New directions for equal opportunity. M. Kathleen Carpenter. illus tab Defense/80, pp 2-15, Feb '80

Policy bans sexual harassment. Laurie Parker. AF Times 41:3 Oct 13 '80

Trails. (American Indians comprise 2.3 percent of the civilian work force at Tinker AFB, OK) Sgt Craig Pugh. illus Airman 24:21-26 Feb '80

Women & credit: Equality at the bank. MSgt Matt Glasgow. illus Soldiers 35:34-35 Aug '80

EQUIPMENT

See also subdivision Equipment under specific subjects, e.g.,
Airports--Equipment

Weapon systems and equipment. Regular feature in issues of International Defense Review

Testing

ATLAS (Abbreviated Test Language for All Systems)--the new direction in automatic testing. CW3 Dennis A. Harris. illus tab Air Def Mag, pp 7-11, Jan-Mar '80

Air Force

Air forces of Asia. Pushpinder Singh. illus tabs Asian Def J No. 3:34-36+ May-Jun '80

Air Force--U.S.

More effectiveness through better understanding. TIG Brief 32:20 Jan 11 '80

Tables of Allowance: Essential to a sound squadron equipment management program. TIG Brief 32: 11-12 Dec 12 '80

Maintenance and Repair

Impact of repair level analysis on future operational logistics support. Richard L. Henshaw. AF J Log 4:21-22 Fall '80

EQUIPMENT - ContinuedAir Force--U.S. - Cont'dMaintenance and Repair - Cont'd

Reparable asset processing: Unit self-sufficiency.
TIG Brief 32:9 Aug 29 '80

Shipment of reparable items to an Air Force repair facility. TIG Brief 32:6 Sep 26 '80

Testing

ALCENT (AirLift CENTER): The MAC testing house.
Maj William D. Harman. illus Airlift Ops Rev 2:
21-26 Jul-Sep '80

Armed Forces--Afghanistan

'The Afghan Armed Forces--to the Soviet invasion
1980.' G. Jacobs. illus map tabs Asian Def J No. 6:
74-75+ Nov-Dec '80

Armed Forces--Israel

Israel Military Industries--suppliers of weapons and
ammunition. Felix Müller. illus Armada Intl 4:
10-12+ Jan-Feb '80

Armed Forces--U.S.

Eligible Receiver II. illus Soldiers 35:6-10 Apr '80

Army--Great BritainExhibitions

BAEE (British Army Equipment Exhibition) '80 at
Aldershot (June 23-27, 1980)--an impressive show-
case. Felix Müller and Konrad Alder. illus Arma-
da Intl 4:68+ Jul-Aug '80

Highlights of the 1980 British Army Equipment Exhi-
bition. illus Intl Def Rev 13, No. 7:1114-1116 '80

Army--MalaysiaTesting

Malaysian armoured vehicle competition. tabs Intl
Def Rev 13, No. 4:466 '80

Army--Sweden

Better training for higher performance. illus Asian
Def J No. 2:46-48 Mar-Apr '80

Army--U.S.

The comeback trail: Challenges in equipping the new
Army. LtGen Donald R. Keith. illus Fld Arty J 48:
25-29 Sep-Oct '80

POMCUS (Pre-positioned Materiel Configured to Unit
Sets)--a bright picture. LtCol Harold J. Hicks.
illus Army Log 12:14-16 Sep-Oct '80

Exhibitions

AUSA '79: Crash programs to counter deployed Soviet
armour. illus Intl Dev Rev 13, No. 1:89-94+ '80

Maintenance and Repair

Honing the cutting edge. Maj Gary L. LaGrange. illus
tabs Army Log 12:2-4 Jul-Aug '80

EQUIPMENT - ContinuedArmy--U.S. - Cont'dMaintenance and Repair - Cont'd

MMIP (Maintenance Management Improvement Pro-
gram): Get with the program! Capt Gardner M.
Nason. illus Soldiers 35:14 Jul '80

A maintenance nightmare. LtCol Richard P. Diehl.
illus Army Log 12:6-11 Sep-Oct '80

Managing organizational maintenance. Henry Simp-
son. illus Army Log 12:34-37 Sep-Oct '80

Testing

Human engineering: Man, machine, mission. (Army's
Human Engineering Laboratory) SgtMaj Bruce N.
Bant. illus Soldiers 35:24-26 Feb '80

Coast Guard--U.S.

Renewing the physical plant (of the Coast Guard).
RADM Donald C. Thompson. illus tabs US Nav Inst
Proc 106:79-86 Oct '80

Worn out in service. LCDR Michael R. Adams. illus
US Nav Inst Proc 106:74-78 Oct '80

Marine Corps--U.S.

Myths and realities of antitank capabilities. LtCol
Donald J. Robinson II. illus MarCor Gaz 64:41-48
Mar '80

NavyExhibitions

International Naval Technology Expo 1980 (Rotterdam,
June 2-5, 1980). illus Intl Def Rev 13, No. 6:923-
930 '80

Navy--Great BritainExhibitions

The Royal Navy Equipment Exhibition. illus NATO's
Fifteen Nations 24:58-59+ Oct-Nov '79

Navy--ItalyExhibitions

Genoa and Rotterdam--two exhibitions, one theme:
Naval power. Felix Müller and Robert Salvy. illus
Armada Intl 4:88+ May-Jun '80

Genoa hosts third Italian naval exhibition (Mostra
Navale 1980). illus tab Intl Def Rev 13, No. 7:
1111-1113 '80

Italy shows off its naval technology. (3d Italian Navy
Exhibition (Mostra Navale Italiana) illus Islamic
Def Rev 5, No. 2:42-54 '80

Mostra Navale: Italy's naval industry cuts a bella
figura and sweeps into the world export market.
David Harvey. illus Def & For Aff 8, No. 5:6-8+ '80

Mostra Navale: Italy's strategic power rests firmly
on its technology base. David Harvey. illus Def &
For Aff 8, No. 5:10-11+ '80

EQUIPMENT - ContinuedNavy--Italy - Cont'dExhibitions - Cont'd

Mostra Navale--pictorial report. Armada Intl 4:96+ Jul-Aug '80

Showcase for Italy's naval industry: Mostra Navale di Genova. illus Armada Intl 4:50+ Mar-Apr '80

The 3d Genoa Naval Show: A preview. Ezio Bon-signore. illus tabs NATO's Fifteen Nations 25: 67-68+ Apr-May '80

3d Nostra Navale Italiana: A strong air component. Yves Robins. illus Aerosp Intl 16:33-34 Jul-Aug '80

Navy--NetherlandsExhibitions

Genoa and Rotterdam--two exhibitions, one theme: Naval power. Felix Müller and Robert Salvy. illus Armada Intl 4:88+ May-Jun '80

International Naval Technology Expo 1980 (Rotterdam, June 2-5, 1980). illus Intl Def Rev 13, No.6:923-930 '80

Navy--U. S.

(Naval equipment readiness) Interview. Willis J. Willoughby, Jr. illus Mil Elect/Countermeasures 6:14+ Aug '80

EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

Air Force

F-16 flying jobs: Tour criteria cut. AF Times 41:13 Aug 18 '80

Army

(Producing modern Army equipment) (Sustaining members' luncheon address, AFCEA Convention, Washington, June 25, 1980) Percy A. Pierre. illus Sig-nal 34:22-24 Aug '80

National Guard--Air Force

Still leading the way. (Wisconsin ANG uses OA-37 jets for forward air control) Sgt Craig Pugh. illus Airman 24:2-6 Aug '80

Reserve Forces--Air Force

F-4 Air Reserve forces conversion program. TIG Brief 32:11 Dec 12 '80

The first episode: "Connies to Phantoms" (in the AF Reserve). illus Air Reservist 32:9 Jun '80

Off line ... on line ... first for Reserve. Mike Singer. Air Reservist 32:23-24 Aug '80

ERITREAHistory

The Eritrean struggle in historical perspective. A. M. Kahsai. illus Islamic Def Rev 5, No. 3: 7-13 '80

ESCAPE AND EVASION see Evasion and EscapeESCAPE EQUIPMENTSee also

Ejection Equipment
Parachutes

ESPIONAGE

Deception, spying fall under Geneva accords. Don Mace. AF Times 41:12 Sep 29 '80

Espionage: The ever present threat. TIG Brief 32:5 Apr 18 '80

The Harvest Moon caper. Col Walter B. Booth, Ret. illus Army 30:19-21 Nov '80

OSI checklist: Mundane but effective side of espionage game. AF Times 40:14 Jun 23 '80

Overt collection of defense information at professional or scientific meetings. TIG Brief 32:4 Jul 11 '80

Reporting nonduty travel to communist-controlled countries. TIG Brief 32:4 Jun 27 '80

ESPRIT DE CORPS

Individual and unit pride. CMSAF James M. McCoy. Airman 24:10 Aug '80

Individual pride--unit pride. CMSAF James M. McCoy. AF Plcy Ltr for Comdrs: Sup, pp 13-14, Jul '80

Pilots who only fly. (Presentation, 21st Tactical Fighter Wing Dining-In, Elmendorf AFB, AK, Nov 30, 1979) MajGen L. W. Svendsen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Jun '80

What to do about esprit. AF Times 40:37 May 5 '80

ESTIMATE OF THE SITUATION

Initiative in battle. Col I. Tikhankov. Soviet Mil Rev No. 6:20-21 Jun '80

Situational awareness. Maj Don Waddell and Blake Morrison. illus USAF Ftr Wpns Rev, pp 2-6, Winter '79

Tactical briefing. Lt-Col Yu. Chinkov. illus Soviet Mil Rev No. 4:40-41 Apr '80

ETHICSSee also

War--Ethical Aspects

The Army: A search for values. Maj Daniel M. Smith. illus Mil Rev 60:2-12 Mar '80

Code of the U.S. fighting force. AF Plcy Ltr for Comdrs: Sup, pp 23-27, Oct '80

The do-more-with-less syndrome: Teetering on the brink. Capt Kenneth C. Stoehrman. tab AU Rev 32:103-108 Nov-Dec '80

Ethical bases of the military profession. Arthur J. Dyck. illus Parameters 10:39-46 Mar '80

Ethical presuppositions of the Army's professional slogans. Ch(Col) Charles F. Kriete. illus Parameters 10:86-88 Sep '80

Ethics & erosion. David T. Austern. Review 58:68-69 Jan-Feb '80

ETHICS - Continued

Ethics in action. Maj Montgomery C. Meigs. Army 30:17-19 Aug '80

For a socio-historical approach to the study of western military culture. Stephen Wilson. Armed Forces & Soc 6:527-552 Summer '80

'Is you is, or is you ain't my baby?' RADM John J. O'Connor, Ret. illus MarCor Gaz 64:61-67 Feb '80

It's the law--'Code of Ethics' on Federal walls. AF Times 41:8 Oct 20 '80

Moral education. Col I. Konovalov. illus Soviet Mil Rev No. 1:28-29 Jan '80

A myth of chivalry: Variations on a theme by Gabriel and Savage. Roger A. Beaumont. illus Mil Rev 60: 64-75 May '80

Professional ethics is key to well-led, trained Army. Gen Edward C. Meyer. illus Army 30:11-14 Oct '80

Professionals or hired guns? Loyalties are the difference. Manuel M. Davenport. Army 30:13-14 May '80

To serve with honor. Maj Richard A. Gabriel. illus Army 30:17-21 May '80

ETHIOPIAHistory

The Eritrean struggle in historical perspective. A. M. Kahsai. illus Islamic Def Rev 5, No. 3: 7-13 '80

EUROPEStrategic Importance

The institution of sanctuary and the future war in Europe. Pervaiz Iqbal Cheema. Islamic Def Rev 5, No. 3:15-19 '80

EUROPE, EASTERN

Opium of the people. (Religious life in Eastern Europe) Henry Harris. Army Qtr 109:48-56 Jan '79

EUROPE, NORTHERNForeign RelationsChina (People's Republic)

China's Balkan strategy. David A. Andelman. Intl Sec 4:60-79 Winter '79/'80

Strategic Importance

The northern flank of NATO. Gen Peter Whiteley. RUSI J for Def Studies 125:9-13 Mar '80

EUROPE, WESTERNForeign Policy

Europe astray--but will it come on course in the 1980s? A political assessment. Walter Laqueur. illus Def & For Aff 8, No. 4:16-19 '80

Politics and Government

Europe astray--but will it come on course in the 1980s? A political assessment. Walter Laqueur. illus Def & For Aff 8, No. 4:16-19 '80

EUROPEAN COMMAND

EUCOM hits plan to cut school busing. Larry Carney. AF Times 40:7 Jun 16 '80

EUROPEAN COMMAND, ALLIED see Allied Command EuropeEUROPEAN ECONOMIC COMMUNITY

An EEC view on the new technologies of information. (Address, AFCEA NATO Brussels Symposium, Oct 1980) Raymond K. Appleyard. Signal 35:51-53 Dec '80

Greek foreign policy in the 1980's: Decade for decision. Michael M. Boll. illus Parameters 10:72-81 Dec '80

The rise of the new Greece. Patrick Murphy. illus Def & For Aff 8:6-9+ Oct '80

EVACUATION, CIVILIAN

CD (Civil Defense) policy codified by Hill. AF Times 41:8 Oct 6 '80

Nuclear shelter plans reported 12% complete. AF Times 41:14 Sep 15 '80

Order in a crisis. (Noncombatant Evacuation Order (NEO)) Capt Gardner M. Nason. illus Soldiers 35: 33-35 Dec '80

Senate vote near on property bill. AF Times 41:3 Aug 25 '80

EVACUATION OF CASUALTIESSee also

Aeromedical Evacuation

EVALUATION (EDUCATION)See also

Critiques

O'seas schools rated high by evaluators. Karen McKay. AF Times 41:8 Aug 18 '80

Working on the symptoms--not the disease: Improving training evaluation. LtCol Michael T. Plummer. illus tab Mil Rev 60:48-56 Mar '80

EVASION AND ESCAPE

Rescue--the round trip ticket. Capt Dick Mullery. illus TAC Attack 20:24-26 Apr '80

Study and Teaching

Red Flag lessons learned. SrAmn Peter J. Carroll. illus Aerosp Safety 36:16-17 May '80

EVERETT, Robinson O.

Everett: CMA 'at the pinnacle.' Robinson O. Everett. AF Times 40:23 Jul 14 '80

EXAMINATIONS see Tests and MeasurementsEXCHANGE PROGRAMS, MILITARYSee also

Allied Military in the U.S.

Welcome aboard, Air Force. Maj Douglas K. Evans, Ret. illus AF Mag 63:85-89 Jun '80

EXCHANGESArmed Forces--U.S.

AAFES' credit setup 'loses' but troops gain. AF Times 40:8 May 12 '80

AAFES curbing abuses. AF Times 41:14 Oct 13 '80

AAFES suspends Wilson Harrell firm. Bruce Covill. AF Times 40:2 Mar 17 '80

AAFES to 'pay' Hale Koa. AF Times 40:6 Jan 21 '80

AAFES ups gold prices. AF Times 40:6 Feb 25 '80

BXs reflect merchandising revolution. AF Times 40:7 May 19 '80

Bad checks in AAFES up 21 percent in 8 months. AF Times 40:4 Jan 14 '80

Bribery investigation has not hurt AAFES. Interview. MajGen Duane H. Stubbs. AF Times 41:41 Nov 24 '80

Churchill Sales (Co) guilty in AAFES bribery case. AF Times 41:28 Aug 25 '80

DOD calls for audits to combat BX fraud. AF Times 40:10 Feb 25 '80

DOE rejects 80 AAFES petitions: Exchanges keep asking gas boost. Karen McKay. AF Times 40:4 Apr 28 '80

Farflung corruption in BXs feared. Andy Plattner. AF Times 40:2 Jan 28 '80

GAO BX report ruffles some Pentagon feathers. AF Times 40:46 May 12 '80

GAO taking new look at BX prices, benefits. AF Times 40:16 Mar 17 '80

Guide to AAFES. Joan Pendleton and others. Review 58:41+ May-Jun '80

House investigating exchange systems. AF Times 40:22 Jun 2 '80

Nielsen computes 20 percent for exchanges. tabs AF Times 40:14 Feb 18 '80

Report draws criticism: GAO wants BXs joined. Karen McKay. AF Times 41:8 Aug 4 '80

Services again studying credit system for clothing. AF Times 41:3 Oct 6 '80

Directories

Guide to AAFES. Joan Pendleton and others. Review 58:41+ May-Jun '80

Army--U.S.

Shopping by the book. (Catalog sales program) SGM Bruce Bant. illus Soldiers 35:36-39 Jul '80

EXECUTIVES

Brown will review top DOD grade actions. Winston S. Wood. AF Times 41:15 Dec 1 '80

506 civilians picked for Logistics (Executive) Cadre. AF Times 41:28 Oct 27 '80

EXECUTIVES - Continued

9 steps toward beating executive stress. LtCol Donald Baines. illus Armed Forces Compt 25:6-9 May '80

Only 32 execs can win bonus pay. Don Mace. AF Times 41:2 Oct 20 '80

Qualified immunity for official acts. Maj Richard F. Rothenburg. AF Law Rev 21, No.3:432-449 '79

EXERCISE

See also
Operation

Anorak Express

Exercise Anorak Express. illus NATO's Fifteen Nations 25:86-87 Apr-May '80

Autumn Forge

Autumn Forge '80. Frederick Bonmart. illus NATO's Fifteen Nations 25:81-82 Oct-Nov '80

Autumn Forge 80: NATO's readiness gameplan. Deborah M. Kyle. illus Armed Forces J Intl 118:30+ Nov '80

Exercise report: Autumn Forge. illus NATO's Fifteen Nations 24:62-64+ Oct-Nov '79

'Merhaba' Merzifon. MSgt Janet A. Wright. illus Air Reservist 32:10-11 May '80

Autumn Safari

Autumn Safari logistics. LtCol Fred C. Cheatam. illus tabs Armor 89:30-35 Mar-Apr '80

Black Fury

Black Fury. (Joint training exercise in Panama to test Southern Command's ability to defend the Panama Canal) TSgt Tim Zane. illus Air Reservist 32: 12-13 May '80

Blue Four

Blue Four at the fore. (USAFE exercise trains junior officers to plan close air support missions) Capt Katie Cutler. illus Airman 24:20-23 Aug '80

Bold Eagle

Bold Eagle '80. SMSgt Gerald H. Smith. illus tab Air Reservist 32:16-17 Dec '79-Jan '80

Transportation support in Exercise (Bold Eagle) environment. Translog 11:7-8 Jan '80

Brave Shield

Evaluating C3 systems in joint exercises. Joseph S. Toma. illus Signal 34:38-40+ Apr '80

Bright Star

C-141 crash kills 13 in 'Bright Star.' AF Times 41:4 Nov 24 '80

Busy Prairie

Busy Prairie. (SAC's Strategic Projection Force supports the Rapid Deployment Joint Task Force) LtCol George L. Newton III. illus Combat Crew 30: 4-7+ Dec '80

EXERCISE - ContinuedCertain Sentinel

Cooperation means mission accomplishment. illus
Def Trans J 36:4-7+ Feb '80

Covering force operations. Col Robert E. Wagner.
illus Armor 89:9-12 Mar-Apr '80

Certain Shield

Command and control at the DISCOM (3d Armored
Division Support COMmand). LtCol Donald E.S.
Merritt. illus Army Log 12:8-13 Jul-Aug '80

Logistics doctrine in action. LtCol Donald E.S. Mer-
ritt. illus Army Log 12:10-15 May-Jun '80

Cold Fire

Autumn Forge 80: NATO's readiness gameplan. Deb-
orah M. Kyle. illus Armed Forces J Intl 118:30+
Nov '80

Constant Enforcer

Constant Enforcer '79. LtGen Sidney B. Berry and
LtCol Lynn C. Hooper. illus USA Avn Dig 26:1-3
Feb '80

Exercise report: Autumn Forge. illus NATO's Fifteen
Nations 24:62-64+ Oct-Nov '79

Cope North

Cope North. (Hawaii Air Guard and Japan Air Self
Defense Force train together) 1stLt Drew M. Hur-
ley. illus Air Reservist 32:23-24 Sep-Oct '80

Joined hands across the sea. Pamela Kane and 1stLt
Carol Dulin. illus Natl Guard 34:20-27 Oct '80

Cope Thunder

Cope Thunder ... plus. Capt Michael W. Ritz. illus
Air Reservist 32:18-19 Jun '80

Mission King Six One. Capt Michael W. Ritz. illus
map Natl Guard 34:16-19 Mar '80

Coronet Bridle

Coronet Bridle: Duluth's 148th Tactical Recon Group
deploys to Germany. TSgt Dick Palmer. illus
Natl Guard 34:14-16 Apr '80

Coronet Rider

'Merhaba' Merzifon. MSgt Janet A. Wright. illus Air
Reservist 32:10-11 May '80

Creek Sentry

4 E-3As in Europe (to monitor Soviet and Warsaw
Pact military activities around Poland). AF Times
41:6 Dec 29 '80

Crested Cap

Autumn Forge 80: NATO's readiness gameplan. Deb-
orah M. Kyle. illus Armed Forces J Intl 118:30+
Nov '80

Reforger 80/Crested Cap. illus Translog 11:18
Aug '80

EXERCISE - ContinuedCrusader

Crusader '80. Christian Eliot. illus NATO's Fifteen
Nations 25:84 Oct-Nov '80

Ex-Crusader 1980. Col Norman L. Dodd. illus Asian
Def J No. 6:140-143 Nov-Dec '80

Dawn Patrol

Joined hands across the sea. Pamela Kane and 1stLt
Carol Dulin. illus Natl Guard 34:20-27 Oct '80

The waiting game. (Aviano AB, Italy, prepares for
dual based squadrons arriving for NATO exercises)
Capt Katie Cutler. illus Airman 24:30-33 Nov '80

Display Determination

Exercise Display Determination '79. LtCol J.J.W.
Hilgers. illus MarCor Gaz 64:64-73 May '80; An-
other view. Capt Andrew J. Franklin. 64:16-17
Aug '80

Exercise report: Autumn Forge. illus NATO's Fifteen
Nations 24:62-64+ Oct-Nov '79

Spiderweb: Close air support geographic reference
system. Maj F.G. Wickersham III. illus MarCor
Gaz 64:69 May '80

Dragon Team

Rapid deployment force gets test (in Exercise Dragon
Team). Lee Ewing. AF Times 41:14 Jul 28 '80

Elder Forest

Developments in the United Kingdom Air Defence
Region. Geoffrey Cairns. illus NATO's Fifteen
Nations 25:21-23+ Aug-Sep '80

Eligible Receiver

Eligible Receiver II. illus Soldiers 35:6-10 Apr '80

Eligible Receiver II. SP4 Lee Roy Dewitt. illus
Armor 89:36-39 Mar-Apr '80

'Mystery Battalion' moves out (in Exercise Eligible
Receiver II). LtCol Albert G. Folcher, Jr and Maj
Michael A. Andrews. illus Army 30:26-29 Feb '80

Empire Glacier

Dress rehearsal in winter garb. illus Translog 11:
6-8 Jan '80

Empire Glacier '80. illus Air Reservist 32:6-7
Apr '80

Gallant Eagle

Gallant Eagle '80. illus Air Reservist 32:16-17
May '80

Keeping nature's delicate balance. Karen McKay.
illus AF Times 40:18 Apr 7 '80

A National Training Center blooming in the desert.
SSgt Jim Boersema. illus Soldiers 35:18-22 Jul '80

EXERCISE - ContinuedGiant Voice

ADTAC participates in Giant Voice. Capt Owen Jensen, illus TAC Attack 20:18-21 Feb '80

Giant Voice, illus Air Reservist 32:6-7 Feb '80

Giant Voice '79. Maj Steve Miller, illus tabs Combat Crew 30:4-7+ Jan '80

Strike Command (RAF): A friendly competitor in Giant Voice '79, illus Combat Crew 30:8-11 Jan '80

Global Shield

Evaluating C³ systems in joint exercises. Joseph S. Toma, illus Signal 34:38-40+ Apr '80

Global Shield--a lesson in readiness. Capt Joseph P. Ward, illus Combat Crew 30:4-7+ Oct '80

Jack Frost

Jack Frost '79. Capt Patrick M. Coullahan and CMSgt Robert B. Wertman, illus AF Engrg & Svcs Qtr 21:6-8 Aug '80

Medical Red Flag

Medical Red Flag, illus Air Reservist 32:10-11 Feb '80

Medical Red Flag. TSgt Steve Stibbens, illus Air Reservist 33:8-9 Nov '80

Next Medical (Red) 'Flag' slated for Travis (AFB, CA). AF Times 40:6 Jan 28 '80

NUWAX

NUWAX-79 (NUclear Weapons Accident eXercise)/ lessons learned. TIG Brief 32:7-8 Jun 13 '80

Nifty Nugget

The grim lessons of Nifty Nugget. John J. Flakla, illus Army 30:14-18 Apr '80

The hodgepodge exercise--a nugget of truth, illus Sea Power 23:20-22 Sep '80

The lessons of Nifty Nugget. LtCol Walter R. Shope, illus Defense/80, pp 14-22, Dec '80

1978 operations uncovered some readiness shortfalls. Tom Philpott, AF Times 41:25 Aug 11 '80

Ocean Safari

Exercise report: Autumn Forge, illus NATO's Fifteen Nations 24:62-64+ Oct-Nov '79

Paid Ice Storm

Paid Ice Storm ... a personal briefing. BrigGen Billy M. Knowles, illus Air Reservist 32:16-17 Feb '80

Paid Redoubt

Paid Redoubt '80 ... no doubt about it! TSgt Ed Martins, illus Air Reservist 32:12-14+ Aug '80

EXERCISE - ContinuedPaid Redoubt - Cont'd

Paid Redoubt showed AFRES ready. Interview. MajGen Richard Bodycombe, illus AF Times 41:10 Sep 1 '80

Redoubt ... a western view. Maj Ernie Stepp and T.J. Coats, illus Air Reservist 32:15 Aug '80

Reserve operation (Paid Redoubt) checks readiness planning, AF Times 41:14 Jul 28 '80

Red Flag

AACC: Army Aviation Combat Center. Capt Alan J. Bacon, illus USA Avn Dig 26:28-34 Feb '80

The FB-111 goes conventional. Maj Lawrence Chalmer, illus Combat Crew 30:20-21+ Nov '80

Flying in the dirt. (MAC pilots are trained to avoid detection by the enemy during Red Flag training at Nellis AFB, NV) TSgt Alan Prochoroff, illus Airman 24:11-16 Nov '80

High rolling in Vegas (in Exercise Red Flag). Gerald H. Smith, illus Air Reservist 32:8-9 Dec '79-Jan '80

New day for an old warrior. (B-52D modifications which increase payload and improve maneuverability) MSgt David B. Drachlis, illus Airman 24: 15-19 Jan '80

On the edge of the Mohave. (Air National Guard units in Exercise Red Flag) illus Natl Guard 34:14-16 Aug '80

Red Flag lessons learned. SrArmn Peter J. Carroll, illus Aerosp Safety 36:16-17 May '80

Red Flag '80: A recce view. SSgt Frank Bean, illus Air Reservist 32:16-17 Sep-Oct '80

Red Flag: Realistic training for air combat. Maj J.P. Kelly, illus MarCor Gaz 64:84-86 May '80

Tactical air training--the Red Flag concept. Gen Theodore Ross Milton, illus NATO's Fifteen Nations 25:36+ Aug-Sep '80

Ten missions ahead: At Red Flag, MAC crews get shot down and live to learn from it. 1stLt Ben Rich, illus MAC Flyer 27:4-5 Oct '80

Reforger

Autumn Forge 80: NATO's readiness gameplan. Deborah M. Kyle, illus Armed Forces J Intl 118:30+ Nov '80

Cooperation means mission accomplishment, illus Def Trans J 36:4-7+ Feb '80

Crossing the Main River. LtCol Dennis K. Culp, illus tab Mil Rev 60:33-42 Feb '80

Interoperability (at the grass roots level): A little view. Capt Richard S. Gourley, illus Infantry 70: 15-17 May-Jun '80

Logistics doctrine in action. LtCol Donald E.S. Merritt, illus Army Log 12:10-15 May-Jun '80

The railroad and deployment. Capt Bruce P. Schoch, illus Translog 11:7-9 Aug '80

EXERCISE - Continued

Reforger - Cont'd

Reforger 80/Crested Cap. illus Translog 11:18
Aug '80

Reforger 80: Deployment from Beaumont (TX). Frank
K. Costa. illus Translog 11: inside front cover
Sep '80

Teamwork makes Reforger move. illus Translog 11:
1-2 Nov '80

98th Trans Det (Bremerhaven Terminal) proves Re-
forger-ready. Capt Steven J. Brady. illus Translog
11:18-19 Dec '80

Rex Amethyst

Rex Amethyst. Maj Robert D. Dubiel. illus Air Re-
servist 32:15 May '80

SAREX

Rescue and recovery units compete in SAREX '80.
illus AF Mag 63:30 Aug '80

'That others may live.' Jeryl L. Mariatt. illus Air
Reservist 32:9 Jul '80

Team Spirit

The Korean Peninsula: In transition. (Statement be-
fore the House Armed Services Committee, Feb 5,
1980) Gen John A. Wickham, Jr. illus Defense/80,
pp 20-24, May '80

EXHIBITIONS see subdivision Exhibitions under specific
subjects, e. g.,
Aviation--Exhibitions

EXPLOSIVE ORDNANCE DISPOSAL

EOD--handle with care. SP5 Linda Kozaryn. illus
Soldiers 35:15-17 Jun '80

Explosive Ordnance Disposal (EOD) and mishap in-
vestigation. TIG Brief 32:6 Mar 21 '80

Live 'souvenirs' a danger at Eglin (AFB, FL). AF
Times 40:43 Jun 16 '80

Nuclear surety inspections of explosive ordnance dis-
posal units. TIG Brief 32:4 May 30 '80

Positive identification of ammunition. TIG Brief 32:16
Jan 11 '80

Study and Teaching

The bomb busters. (Military EOD technicians are
trained at the Navy's Explosive Ordnance Disposal
School in Indian Head, MD) Capt Dick Sheffield.
illus Airman 24:43-48 Mar '80

EXPLOSIVES AND EXPLOSIONSSee also

Nuclear Explosions

Careless munitions handling. TIG Brief 32:18
Sep 26 '80

Commanders' key to explosives safety. TIG Brief
32:16 Nov 14 '80

Dangerous cargo, defused duty: The Navy is not ex-
plosive on the USS Santa Barbara. Fred Reed.
illus AF Times, Times Magazine sup:6-10
May 5 '80

EXPLOSIVES AND EXPLOSIONS - Continued

Determined or undetermined? (Explosives mishaps)
TIG Brief 32:18 Sep 12 '80

The egress system gun is loaded. TIG Brief 32:15
May 16 '80

Explosives safety. TIG Brief 32:25 Aug 29 '80

Important subject: Explosives waivers. TIG Brief
32:17 Jan 11 '80

Keep explosives out of the mails. TIG Brief 32:15
Nov 14 '80

Maintaining aircraft egress systems: Lack of super-
vision can be costly. TIG Brief 32:19 Feb 8 '80

Review of site plans for ammunition and explosives
facilities. TIG Brief 32:15 Jun 27 '80

Safe disposal of munitions scrap. TIG Brief 32:22
Jan 25 '80

Shaped charges versus armor. Joseph E. Backofen.
illus tabs Armor pt 1, 89:60-64 Jul-Aug '80; pt 2,
89:16-21 Sep-Oct '80; pt 3, 89:24-27 Nov-Dec '80

Weapons words: Explosives safety history. John H.
Kawka. TAC Attack 20:22-23 Aug '80

EXPORT TRADE see Commerce

EYES

Battlefield lasers: A new problem with an old cure.
LtCol Douglass P. Bacon. illus tab Mil Rev 60:
33-39 Oct '80

Come fly with me. Ronald R. Simmons. illus tabs
USA Avn Dig 26:10-12 Sep '80

Dependence of optokinetic nystagmus characteristics
upon recording techniques. L.A. Abel and others.
tabs Aviation, Space & Envmt Med 51:1112-1113
Oct '80

Device for measuring the precision of eye-hand co-
ordination while tracking changing size. D. Regan
and K. I. Beverley. illus tabs Aviation, Space &
Envmt Med 51:688-693 Jul '80

Do you remember the saying, "What you see is what
you get"? Ronald R. Simmons. illus USA Avn Dig
26:21-23 Jul '80

Down 'n dirty. Ronald R. Simmons and Joan Black-
well. illus tab USA Avn Dig 26:38-40 Nov '80

Eyes in the sky. (The optometrist in uniform) Libby
Turner. illus Air Reservist 32:10-11 Aug '80

A human performance/workload evaluation of the
AN/PVS-5 bifocal night vision goggles. Lewis W.
Stone and others. illus tabs Aviation, Space &
Envmt Med 51:797-804 Aug '80

Night vision. CW2 Robert L. Portman. illus MAC
Flyer 27:6-7 Apr '80

The 1976 accident experience of civilian pilots with
static physical defects. J. Robert Dille and
Charles F. Booze. tabs Aviation, Space & Envmt
Med 51:182-184 Feb '80

On-line analysis of eye movements using a digital
computer. Robert W. Baloh and others. illus tabs
Aviation, Space & Envmt Med 51:563-567 Jun '80

EYES - Continued

Retinal changes in rats flown on Cosmos 936: A cosmic ray experiment. Delbert E. Philpott and others. illus Aviation, Space & Envmt Med 51:556-562 Jun '80

See and avoid. Maj Pete Abler. illus TAC Attack 20: 4-6 Apr '80

Shades of gray. (Photochromic glasses) MAC Flyer 27:23 Mar '80

Use of contact lenses by flying personnel. TIG Brief 32:10 Sep 26 '80

EYES - Continued

Visual and postural motion aftereffects following parabolic flight. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 51: 230-233 Mar '80

Visual search performance during simulated radar observation with and without a sweepline. Richard I. Thackray and R. Mark Touchstone. illus tabs Aviation, Space & Envmt Med 51:361-366 Apr '80

What you think you see ... sometimes isn't. Penelope Nelson. illus Aerosp Safety 36:20-23 Aug '80

FAA see Federal Aviation Administration

FAMCAMPs see Recreation

FBI see Federal Bureau of Investigation

FORSCOM see Forces Command

FWE see Foreign Weapons Evaluation

FACSIMILE TRANSMISSION

High speed facsimile drives census data. illus Govt Exec 12:47-48 Nov '80

Hill sends phone mail. AF Times 41:15 Nov 17 '80

TELEFAX: Document by telephone! TIG Brief 32:7 Apr 18 '80

FAHRNEY, Delmar S.

The birth of guided missiles. RADM Delmar S. Fahrney, Ret. por US Nav Inst Proc 106:54-60 Dec '80

FAMILY SERVICES

Clark's (AB, RP) 'halfway house' (for abused children and spouses) praised by USAF aide. AF Times 41:16 Nov 17 '80

DOD wants civilians to handle abuse cases. Laurie Parker. AF Times 41:2 Nov 10 '80

New office (Assistant for AF Family Matters) coordinates family issues. Don Mace. AF Times 41:2 Aug 11 '80

Support centers for kin, INTRO (Individualized Newcomer Treatment and Orientation) expansion pushed. AF Times 41:14 Oct 20 '80

FASTENERS

Here are entered articles on various types of fasteners, e.g., bolts and nuts, washers, pin connectors, etc.

Lost any 20mm gun stripper diffusers or muzzle clamps lately? TIG Brief 32:7 Feb 8 '80

FATIGUE

Caffeine 80's--drug of abuse in the eighties? Col Richard B. Pilmer. illus tab Aerosp Safety 36:6-9+ Aug '80.

Fatigue in aviation operations. CDR Alan Steinman. Aerosp Safety 36:25 May '80

Human responses to repeated high G simulated aerial combat maneuvers. Russell R. Burton. illus tabs Aviation, Space & Envtmt Med 51:1185-1192 Nov '80

FATIGUE IN METALS see Strains and Stresses

FEAR

Fear in combat. Mid Michael F. Belcher. illus MarCor Gaz 64:49-53 Sep '80

FEDERAL AID

Competing for Federal funds: The secret of successful proposals. (Interview with Judson LaFlash) illus Govt Exec 12:40-41 Aug '80

F

FEDERAL AID - Continued

Federal activists. H. Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12:41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-40 Dec '80

FEDERAL ASSISTANCE PROGRAMS see Federal Aid

FEDERAL AVIATION ADMINISTRATION

The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

FAA, AF meld radar nets. Stephanie A. Carter. illus AF Times 40:14 Mar 3 '80

FAA & industry: First to be forced apart? David Hoffman. Govt Exec 12:26-27 Jun '80

FAA (Federal Aviation Administration)/NTSB (National Transportation Safety Board) participation in military investigations. TIG Brief 32:17 May 16 '80

FEDERAL BUREAU OF INVESTIGATION

"I'm sorry, Monsieur, but we cannot trust the U.S. government." CDR Edward P. Stafford, Ret. illus US Nav Inst Proc 106:104-106 Jul '80

FEDERAL COMMUNICATIONS COMMISSION

The communications regulatory process. (Address, Technology Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) Rep Lionel Van Deerlin. illus Signal 34:25-27 Feb '80

FEDERAL EMERGENCY MANAGEMENT AGENCY

CD (Civil Defense) policy codified by Hill. AF Times 41:8 Oct 6 '80

FEDERAL TELECOMMUNICATIONS SYSTEM see Communications Systems--United States

FERRYING OF AIRCRAFT

High flight to Pakistan. Dallas R. Blevins. illus Navigator 27:27-30 Summer '80

South Atlantic express. MajGen Winton R. Close, Ret. illus Aerosp Hist 27:146-150 Sep '80

FIBER OPTICS see Optics

FIELD ARTILLERY see Artillery, Field

FIELD REPRESENTATIVES

Service contracts. TIG Brief 32:18 Jan 25 '80

FIELD TRAINING DETACHMENTS

Field Artillery training. Capt Gardner M. Nason. illus Soldiers 35:13-17 Feb '80

FIGHTER UNITS

ADTAC participates in Giant Voice. Capt Owen Jensen. illus TAC Attack 20:18-21 Feb '80

Coming on strong in the F-16. Capt Michael B. Perini. illus tab AF Mag 63:40-43 Aug '80

FIGHTER UNITS - Continued

The credibility of fighter squadron supervisors. Capt John L. Barry. illus tabs AU Rev 31:35-44 Sep-Oct '80

GO (BrigGen W. Troy Tolbert) heads wing that failed test. AF Times 41:15 Sep 8 '80

Hill Air Force Base (UT): "First in the F-16." Maj Donald W. Staffon. illus TAC Attack 20:26-28 Jun '80

Pilots who stick get preferences (for new weapon system assignments). AF Times 41:6 Dec 15 '80

The Queen's own. (USAF's 32d TFS has special ties to the Netherlands) Capt Katie Cutler. illus Airman 24:44-48 Nov '80

History

51st insignia and early history: Homer's Volunteer Group. Tom Britton. Am Avn Hist Soc J 25:240 Fall '80

FIGHTER WEAPONS AND GUNNERY MEETSAir Force

144th FIW tops William Tell. AF Times 41:16 Oct 27 '80

William Tell 1980. illus TAC Attack 20:4-6 Oct '80

William Tell '80--in defense of freedom's skies. illus tabs TAC Attack 20:4-8 Dec '80

FINANCESee also

Auditing

The impact of time on the value of cash flows. Dallas R. Blevins. illus tabs Armed Forces Compt 25: 16-19 May '80

Air Force--U.S.See also

Air Force Accounting and Finance Center

Accounting and finance office quality assurance program. TIG Brief 32:5 Jul 25 '80

Auditor General. AF Compt 14:32 Oct '80

Centrally managed allotments: A new name--but the problems remain. Lawrence W. Conrad. illus AF Compt 14:26-30 Apr '80

Centrally managed (open) allotments--can we expand their use? George H. Schafer. illus AF Compt 14: 16-18 Jul '80

Controlling civilian payroll costs. William G. Arnold. illus AF Compt 14:20-23 Apr '80

Directorate of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:29 Oct '80

The Directorate of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:4-9 Oct '80

Directorate of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:20 Oct '80

Directorate of Cost & Management Analysis. Col Donald G. Kane. illus AF Compt 14:22 Oct '80

FINANCE - ContinuedAir Force--U.S. - Cont'd

Doing more with less ... can comptrollership meet the challenge? D. Cordell Smithfield. Armed Forces Compt 25:28-30 Feb '80

Financial management's information gap--are two languages used? Thomas F. Galligan. illus AF Compt 14:24-26 Jul '80

How an AFO plans for operations under emergency conditions. Maj Ronald A. Dice. illus AF Compt 14:44-47 Jul '80

How to get the most out of your budget. TIG Brief 32:11-12 Nov 28 '80

JUMPS ... how effective is it? Capt Homer L. Rickerson, Jr. illus AF Compt 14:37-39 Jan '80

Notes from the Air Force Comptroller Management Engineering Team. LtCol Robert V. Peacock. illus AF Compt 14:42 Apr '80

Notes from the Air Force Comptroller Management Engineering Team. LtCol Robert V. Peacock. illus AF Compt 14:33 Jul '80

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:43 Jan '80

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:38 Apr '80

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 14:29 Jul '80

Notes from the Director of Accounting & Finance. BrigGen George C. Lynch. illus AF Compt 14:27 Jan '80

Notes from the Director of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:39 Apr '80

Notes from the Director of Accounting & Finance. MajGen George C. Lynch. illus AF Compt 14:28 Jul '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:10 Jan '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:33 Apr '80

Notes from the Director of Budget. MajGen George M. Browning, Jr. illus AF Compt 14:21 Jul '80

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 14:11 Jan '80

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 14:34 Apr '80

Notes from the Director of Computer Resources. BrigGen Avon C. James. illus AF Compt 14:27 Jul '80

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:12 Jan '80

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:32 Apr '80

FINANCE - ContinuedAir Force--U.S. - Cont'd

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:22 Jul '80

The reimbursement. LtCol E. C. Olgeaty. illus AF Compt 14:12-14 Oct '80

The role of dental Cost Center Managers (CCM) in fiscal management. TIG Brief 32:7 Aug 8 '80

Organization

(Comptroller organization chart--U.S. Air Force-wide) illus chart AF Compt 14:24-25 Oct '80

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 14:3 Oct '80

(Updated USAF worldwide comptroller organization chart) illus chart AF Compt 14:24-25 Apr '80

Study and Teaching

What 2d lieutenants ought to know about financial management (and don't) is taught to them by the Space Division people. Leon Silverman. illus tab AF Compt 14:21-23 Jan '80

Armed Forces--U.S.See also

Joint Uniform Military Pay System

Army--U.S.

Diary of a paycheck. SP5 B.J. Small. illus Soldiers 35:47-49 Nov '80

Defense Dept--U.S.

Discounting defense capital expenditure proposals and determining the discount rate. LtCol Eugene O. Poindexter, Ret. illus tabs Armed Forces Compt 25:8-11 Feb '80

(A new decade in comptrollership) (Remarks, American Society of Military Comptrollers National Symposium, San Antonio, May 23, 1980) Robert C. Moot. illus Armed Forces Compt 25:8-9 Nov '80

United States

The effect of business decisions. Dallas R. Blevins. tabs Armed Forces Compt 25:24-27 Feb '80

Ex-Im Bank: If it works, why fix it. illus Govt Exec 12:18-19 Oct '80

The Federal budget: Cost-based in the 1980's. Charles A. Bowsher and others. illus tab Armed Forces Compt 25:10-15+ Aug '80

Financial management and labor negotiations--should the twain meet? E. R. Nordtvedt. tab Armed Forces Compt 25:23-25+ May '80

Well-controlled accounting systems--a must for the eighties. (Address, American Society of Military Comptrollers National Symposium, San Antonio, May 22, 1980) Elmer B. Staats. illus Armed Forces Compt 25:4-7+ Nov '80

FINE, Stanley S.

The Federal budget: Cost-based in the 1980's. Charles A. Bowsher and others. por Armed Forces Compt 25:10-15+ Aug '80

FINLANDForeign Policy

Will of the nation: Finland's defence policy. Lasse Aikäs. illus tab NATO's Fifteen Nations 25:31-33 Jun-Jul '80

FIRE CONTROL

Here is entered material on the control of weapon fire. For control of forest, house and similar fires see Fires and Fire Prevention.

Air-Ground Combat Center. illus MarCor Gaz 64: 25-27 Dec '80

A better anti-aircraft gunfire control system? illus Def Elect 12:84-86 Jan '80

Fire support coordination--reality or myth? 1stLt Charles D. Duke. illus MarCor Gaz 64:24-26 Sep '80

PADS: Positioning and Azimuth Determining System. Maj David R. Rogers and Capt Robert R. Roe. illus tabs Fld Arty J 48:21-26 Jul-Aug '80

FIRE CONTROL EQUIPMENT

AMX 32: The latest French battle tank. R.M. Ogorkiewicz. illus tabs Intl Def Rev 13, No.7: 1082-1086 '80

Air defence of land forces in the 1980s. Col Norman L. Dodd. illus Asian Def J No.2:62-63+ Mar-Apr '80

The Barr & Stroud DF3 fire-control system. J.M. Ballantine. illus Intl Def Rev 13, No.4:536-538 '80

A better anti-aircraft gunfire control system? illus Def Elect 12:84-86 Jan '80

Cheap, small, effective small arms AA sight. Emile Pettecks-Snyder. illus Asian Def J No.5:137-138 Sep-Oct '80

DFWES (Direct Fire Weapons Effects Simulation)--a new heliborne anti-tank simulation system. illus Intl Def Rev 13, No.2:257-258 '80

Development of fire control equipment. Capt Michael R. Matheny. illus Armor 89:40-43 Mar-Apr '80

European weapon control systems jump in capability. Stefan Geisenheyner. illus Def Elect 12:86+ Oct '80

Fieldguard allweather artillery FCS (Fire Control System). illus Armada Intl 4:14+ Mar-Apr '80

French Jaguars get laser guidance system. illus Asian Def J No.4:101-102 Jul-Aug '80

Latent dive toss system errors. Capt Ralph S. Reinhart II. illus USAF Ftr Wpns Rev, pp 14-17, Winter '79

Low-level air defense--Rapier reaches age of maturity. Robert Heck. illus Armada Intl 4:78+ Mar-Apr '80

Saab BT 33 artillery fire control simulator. illus Armada Intl 4:56+ Jan-Feb '80

Testing

Putting the HEL into HELBAT (Human Engineering Laboratory Battalion Artillery Test). SgtMaj Bruce N. Bant. illus Soldiers 35:39-41 Mar '80

FIRE DIRECTION CENTER

Marine artillery needs some adjustment. Maj Eric P. Visser. illus MarCor Gaz 64:58-66 Sep '80

FIREARMS see Small ArmsFIREPOWER

Field artillery support. Col John E. Donohue. illus Air Def Mag, pp 19-22, Jul-Sep '80

MLRS (Multiple Launch Rocket System)--the soldier's system. Mary L. Corrales. illus Fld Arty J 48: 8-11 Jul-Aug '80

A new model for land warfare: The firepower dominance concept. LtCol Robert S. Fairweather, Jr. AU Rev 32:79-87; Responses. LtCol Dennis M. Drew and Maj James M. Simpson. 32:87-92 Nov-Dec '80

FIRES AND FIRE PREVENTIONSee also

Airplanes in Fire Fighting

Helicopters in Fire Fighting

also subdivision under specific subjects, e.g.,

Airplanes, Military--Fires and Fire Prevention

Airports--Fires and Fire Prevention

Helicopters, Military--Fires and Fire Prevention

Ships--Fires and Fire Prevention

AFV fuel fire suppression--a three-sensor system from Gravinier. R.J.L. Dicker. illus tabs Intl Def Rev 13, No.8:1242-1244 '80

Cardiovascular and sympathetic reactions to in-flight emergency responses among base fire fighters. Ben F. Hurley and others. tabs Aviation, Space & Envmt Med 51:788-792 Aug '80

Fire protection readiness. TIG Brief 32:7 Sep 12 '80

Guardsmen carry on in firefighter's strike (Nashville, TN). Capt H. Hooper Penuel. illus Natl Guard 34: 14-16 Jun '80

Ohio firefighters: Soaking the subject. PFC Frank Douglas. illus Natl Guard 34:16-17 Jun '80

Oxygen enrichment accidents. MAC Flyer 27:6 Nov '80

Sidewalk fire chief or professional fire marshal? CMSgt James R. Legg. illus AF Engrg & Svcs Qtr 21:36-37 Feb '80

Smoke detectors. TIG Brief 32:15 Jun 27 '80

Stay safe on the 4th of July. TIG Brief 32:12 Jun 27 '80

Toledo inferno. SSgt Joseph E. Snider. illus Air Reservist 32:23 Jun '80

Volunteer fire fighters. SP5 Denise Dudley. illus Soldiers 35:40-41 May '80

FIRING RANGES see Bombing and Gunnery RangesFIRST AIDSee also

Artificial Respiration

Emergency medicine and the airline passenger. Stanley R. Mohler and others. illus tabs Aviation, Space & Envmt Med 51:918-922 Sep '80

FIRST AID - Continued

Emergency medicine: Now or never. CWO Dale Puckett. illus US Nav Inst Proc 106:130-131 Oct '80

First aid. illus TAC Attack 20:28-29 May '80

First aid. illus TAC Attack 20:12-13 Jun '80

First aid--would you know what to do? illus TAC Attack 20:14-15 Apr '80

Time can be a life or death factor. Al Finch. illus Combat Crew 30:16-17 Mar '80

FISH INDUSTRY AND TRADELaws and Regulations

Fish stories. ENS Christopher A. Abel. illus map US Nav Inst Proc 106:61-65 Dec '80

FITNESS REPORTS see Effectiveness Reports--Marine CorpsFLAG OFFICERSUnited StatesDirectories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1980. illus US Nav Inst Proc 106:185-211 May '80

Flag rank quarters cost too much, auditors say. AF Times 41:6 Aug 25 '80

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

FLAGS

So gallantly streaming. Laura Neitz. illus Soldiers 35:42-44 Jun '80

FLEET, 6th

Sixth Fleet update. CDR Brent Baker. illus tabs US Nav Inst Proc 106:52-59 Sep '80

FLEET, 7th

U.S. role in South Pacific. illus Asian Def J No.6:53+ Nov-Dec '80

FLEET MARINE FORCE--Marine Corps--U.S. see Marine Corps--U.S.FLEXITIME see Hours of LaborFLIGHT, LOW-ALTITUDE

Altitude planning: A critical edge. Capt Frame J. Bowers III. illus USA Avn Dig 26:6-7 Oct '80

Briefing the TA (Terrain Avoidance) tactic. Capt Chris Moore. illus Combat Crew 30:8-9 Nov '80

Charting for the 80's. (Topographic/electromagnetic charting) LtCol James D. Muma. illus Airlift Ops Rev 2:5-7 Apr-Jun '80

Don't become a statistic. Maj Ed Maerz. illus Combat Crew 30:10-11+ Nov '80

FLIGHT, LOW-ALTITUDE - Continued

Down 'n dirty. Ronald R. Simmons and Joan Blackwell. illus tab USA Avn Dig 26:38-40 Nov '80

Inflight coordination. Capt Chris Moore. Combat Crew 30:15 Dec '80

Keep that tail up! illus USA Avn Dig 26:24-26 Jan '80

Let's talk TA/EVS (Terrain Avoidance/Electro-optical Viewing System). Maj J. Doug Ellinger. illus Combat Crew pt 1, 30:4-7 May '80; pt 2, 30:10-11 Jul '80

Let's talk TA/EVS (Terrain Avoidance/Electro-optical Viewing System). Capt Chris Moore. illus Combat Crew 30:7 Sep '80

Low altitude training considerations. Maj Robert L. Tone. illus USAF Ftr Wpns Rev, pp 2-5, Fall '80

Low, fast, and in the dark. (Tree strikes) illus USA Avn Dig 26:14-15 Sep '80

Low level attack. Capt Bill Schwetke. illus USAF Ftr Wpns Rev, pp 6-7, Fall '80

Low level flying--why? LtCol Paul Kimminau. illus TAC Attack 20:4-6 Mar '80

Tactical formation can be hazardous to your health. BrigGen Leland K. Lukens. Aerosp Safety 36:27 Nov '80

FLIGHT ATTENDANTS see Cabin CrewsFLIGHT CONTROL SYSTEMS

A-7 experiment moving toward F/O validation. illus Mil Elect/Countermeasures 6:32-33 Aug '80

Behind the power curve. Maj Pete Abler. illus TAC Attack 20:4-6 May '80

C-141 flight control malfunction team: A new approach to an old problem. TIG Brief 32:22 Dec 12 '80

Computerized flight management for fuel saving. Chris Bulloch. illus Interavia 35:1010-1012 Nov '80

Electronics: Autopilot of the future. Deborah M. Kyle. Armed Forces J Intl 117:38 Jun '80

Fault-surviving flight control avionics. Louis J. Franchi. illus Mil Elect/Countermeasures 5:40+ Dec '79

Fiber optic flight control. Rick Cotta. illus Mil Elect/Countermeasures 6:58+ Apr '80

Frozen pitot static lines. TIG Brief 32:18 Mar 21 '80

Needle, ball, and ... Capt David Burnett. illus TAC Attack 20:4-6 Feb '80

Silicone grease can contaminate hydraulic oil. TIG Brief 31:3 Dec 21 '79

FLIGHT INFORMATION

Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conduct of flights.

FLIGHT INFORMATION - Continued

See also related subjects, e.g.,

Flight Path

Weather Forecasting

FLIGHT INSTRUMENTS see Aeronautical InstrumentsFLIGHT NURSES

Field interactions in aerovac nursing. Joan B. Burke. Aviation, Space & Envmt Med 51:618-621 Jun '80

Flight Nurse Section news. Regular feature in issues of Aviation, Space and Environmental Medicine

A look at quality assurance through the audit process. Phyllis J. Hansen. Aviation, Space & Envmt Med 51:937-938 Sep '80

History

U.S. Army Air Force flight nurses: Training and pioneer flight. Judith Barger. Aviation, Space & Envmt Med 51:414-416 Apr '80

FLIGHT PATH

Vertical navigation during the enroute descent. Capt Jay M. Miranda. illus Combat Crew 30:14-15 Oct '80

FLIGHT PAY

Flight pay: \$15,000 more for career. Bruce Callander. AF Times 41:4+ Sep 22 '80

Flight pay: What might have been. Bruce Callander. AF Times 40:20 Apr 28 '80

Some likely to get flight pay bonuses. AF Times 41:3 Sep 1 '80

FLIGHT PLAN

... and a few moments of stark terror. Capt Eric A. Peters. illus Aerosp Safety 36:2-4 Dec '80

Dealing with the crunch. (Computer flight plan) LtCol Felix D. Powers. illus tab Airlift Ops Rev 2:14-17 Apr-Jun '80

Flight lead responsibilities. illus TAC Attack 20:22-24 Oct '80

Flight lead responsibilities. Maj Mike Ridnour. illus TAC Attack 20:4-6 Sep '80

Tips for instrument flight planning. CW3 Charles E. Cook. illus tabs USA Avn Dig 26:41-44 Feb '80

FLIGHT RECORDS

Here are entered articles on the logs and reports of a flight. For articles on record flying time for a given distance see Aviation Records.

FLIGHT SIMULATORS

AH-1FS: One step closer to reality. CW2 Ronald E. Burgess. USA Avn Dig 26:19-21 Oct '80

Correct simulator use. TIG Brief 32:14 Aug 29 '80

Effect of induced cyclic changes of deep body temperature on performance in a flight simulator. T.M. Gibson and others. illus tabs Aviation, Space & Envmt Med 51:356-360 Apr '80

FLIGHT SIMULATORS - Continued

Energy efficient training with aircraft simulators.
Yves Robins. illus Aerosp Intl 16:32-33+ Sep-Oct '80

F-18 tactics trainer on schedule ... if: Canadians in cost quandry over WTT. illus Mil Elect/Counter-measures 6:55-56 Nov '80

Flight simulation in air-combat training. Col Richard C. Needham and others. illus tabs Def Mgt J 16: 18-23 Fourth Quarter '80

Luke (AFB, AZ), Williams (AFB, AZ) staging dog fights by computer. AF Times 40:29 Jan 14 '80

Movin' in the model 'A.' TSgt Ed Martins. illus Air Reservist 32:6-8 Sep-Oct '80

New horizons for flying training. Maj Gene E. Townsend. illus AF Mag 63:36-42 Apr '80

Pickup of visual information by the pilot during a ground control approach in a fighter aircraft simulator. J.P. Papin and others. illus tabs Aviation, Space & Envmt Med 51:463-469 May '80

The real, simulated thing: New concepts in training with CTA (Companion Trainer Aircraft). David Harvey. illus Def & For Aff 8, No. 7:7-9+ '80

"The real thing." (UH-1 flight simulator) Ronald R. Simmons. illus tab USA Avn Dig 26:16-18 Oct '80

Realistic trainers help ... to a point. LCDR James E. Novitzki. tabs illus US Nav Inst Proc 106:107-109 Apr '80

Reaping the benefits of flight simulation. Jesse Orlansky and Joseph String. illus tabs Def Mgt J 16:6-13 Fourth Quarter '80

SH-2F LAMPS weapon system trainer: The tactical wave of the future. LT George Galdorisi. US Nav Inst Proc 106:129-131 Mar '80

The state of aircraft simulation in the USSR. Clyde F. Autio. Def Mgt J 16:24-25 Fourth Quarter '80

Super realistic combat training for B-52 EWOs. Richard Hartman. illus Def Elect 12:83-84+ Sep '80

200 & 1/2 mi. Maj Pete Abler. illus TAC Attack 20: 4-6 Jun '80

Visual simulation in Navy training. A. Michael Spooner and others. illus Def Mgt J 16:26-32 Fourth Quarter '80

History

A 'Link' with the past. (A Link trainer from the 40's is restored at Tinker Air Logistics Center) Sgt Craig Pugh. illus Airman 24:9-11 May '80

FLIGHT SURGEONS

Planning the Aerospace Medicine Program. TIG Brief 32:15 Jan 25 '80

FLIGHT TRAINING

See also
Pilots--Education and Training

Air Force--Switzerland

PC-7: Flight training with Swiss precision. illus Asian Def J No. 2:50+ Mar-Apr '80

FLIGHT TRAINING - ContinuedAir Force--U.S.

Go lost wingman. Capt Craig Lamkin. illus TAC Attack 20:14-15 Jan '80

Flight lead responsibilities. Maj Mike Ridnauer. illus TAC Attack 20:4-6 Sep '80

New horizons for flying training. Maj Gene E. Townsend. illus AF Mag 63:36-42 Apr '80

FLIGHTS, FAMOUS AND HISTORIC

Fox Able One--the first transatlantic jet deployment (July 1948). Col Frank W. Klibbe, Ret. illus map AF Mag 63:72-80 Oct '80

Harry Lyon and the Southern Cross. Lloyd S. Gates. illus Am Avn Hist Soc J 24:279-287 Winter '79

Huffman Prairie. G. Allison Long. illus map Am Avn Hist Soc J 25:107-111 Summer '80

Program manager--endangered species? (Gossamer Condor program) Lorrin C. Peterson. illus Natl Def 65:28-32 Aug '80

South Atlantic express. MajGen Winton R. Close, Ret. illus Aerosp Hist 27:146-150 Sep '80

The Southern Cross revisited. Charles A. Kingsford-Smith. illus tab Am Avn Hist Soc J 25:63-71 Spring '80

FLOODS see Disasters

FLUTTER see Vibration

FLYING

This heading is used for popular, nontechnical articles on the pleasures of flying.

Memoir. John C. Parker. illus Aerosp Hist 27:192-194 Sep '80

FLYING BOATS see Seaplanes

FLYING CLUBS see Aero Clubs

FLYING SAFETYSee also

Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

... and a few moments of stark terror. Capt Eric A. Peters. illus Aerosp Safety 36:2-4 Dec '80

Another case of FOD. Capt John Wittmeyer. illus Aerosp Safety 36: inside front cover Apr '80

Behind the power curve. Maj Pete Abler. illus TAC Attack 20:4-6 May '80

The best pilot in the squadron. Maj Michael T. Fagan. illus Aerosp Safety 36:17-19 Jun '80

Betting the 50. Joseph F. Tilson. illus Aerosp Safety 36:2-3 May '80

Blowing in the wind. Maj Gary L. Studdard. illus tab Aerosp Safety 36:2-3 Jul '80

Bubble gum, bailing wire, and ASIP (Aircraft Structural Integrity Program), or ... how we keep your aircraft from falling apart. Maj Paul L. Tiley. illus tabs Aerosp Safety 36:22-23 Feb '80

FLYING SAFETY - Continued

- But I thought ... CDR V.M.Voge. (Reprinted from Approach, Aug 1980) illus Aerosp Safety 36:24-25 Oct '80
- Caffeine 80's--drug of abuse in the eighties? Col Richard B.Pilmer. illus tab Aerosp Safety 36:6-9+ Aug '80
- The care and feeding of copilots. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Jul '80
- A change of seasons. Maj Alan D.York. illus MAC Flyer 27:13-15 Apr '80
- Coffin corner plus windshear equals upset. illus Aerosp Safety 36:18-19 Oct '80
- Come fly with me. Ronald R.Simmons. illus tabs USA Avn Dig 26:10-12 Sep '80
- Common sense ... basic to flying. LtCol Paul Kimminau. illus TAC Attack 20:10-11 Aug '80
- The day Charlie died. Maj David V.Froehlich. illus Aerosp Safety 36:22-23 Nov '80
- Defensive flying. Capt Dennis Storck. illus Aerosp Safety 36:8-9 Jun '80
- A different kind of near miss. Maj Wayne P.Skora. illus TAC Attack 20:26-27 Jul '80
- Down 'n dirty. Ronald R.Simmons and Joan Blackwell. illus tab USA Avn Dig 26:38-40 Nov '80
- Flight lead responsibilities. illus TAC Attack 20:22-24 Oct '80
- Flight safety. Col-Gen V.Andreyev. illus Soviet Mil Rev 10:22-24 Oct '80
- For Eagle drivers only--but other types should read it, too. Capt Paul Q.G.Woodford. (Reprinted from Airscoop, August 1980) illus Aerosp Safety 36:14-15 Nov '80
- For pilots only. Roger G.Crewse. Aerosp Safety 36:2-3+ Jan '80
- A form (AFTO 781A) in your future. Maj Dion W. Johnson. illus Aerosp Safety 36:10-11 Sep '80
- The formation challenge. Maj James L.Gillespie. illus Aerosp Safety 36:2+ Feb '80
- G-tolerance: A case for short pilots. Maj James E. Whinnery and Sidney D.Leverett, Jr. illus Aerosp Safety 36:6-7 May '80
- Get a bigger thumb. Joseph F.Tilson. illus Aerosp Safety 36:2-3 Jun '80
- Going on leave. Maj Roger L.Jacks. illus Aerosp Safety 36:5 May '80
- Grow old with me. Robert W.Duncan. (Reprinted from Combat Crew, Sep 1972) illus Combat Crew 30:8-11 Oct '80
- Helicopter in-flight icing. Arthur J.Negrette. (Reprinted from Aerospace Safety, March 1977) illus Aerosp Safety 36:18-20 Feb '80
- Hit my smoke. Maj David V.Froehlich. illus Aerosp Safety 36:12-13 Apr '80

FLYING SAFETY - Continued

- Ice, snow & 10 below. illus Aerosp Safety 36:2-3 Nov '80
- Inflight weather avoidance service. Maj G.E. Schrimpf. illus Aerosp Safety 36:2-4+ Apr '80
- It (T-37) really does use monkeys and mirrors. Capt Jim Davis. illus Aerosp Safety 36:12-15 May '80
- Keep that tail up! illus USA Avn Dig 26:24-26 Jan '80
- Lightning 'R' us. Maj Tony Helbling. illus Aerosp Safety 36:13 Jul '80
- Little things mean a lot. LtCol Eugene La Mothe. illus Aerosp Safety 36:4-5 Nov '80
- Low level flying--why? LtCol Paul Kimminau. illus TAC Attack 20:4-6 Mar '80
- McNair versus the bull. LtCol Carl H.McNair, Jr. (Reprinted from United States Aviation Digest, Feb 1972) illus USA Avn Dig 26:6-10 Feb '80
- Needle, ball, and ... Capt David Burnett. illus TAC Attack 20:4-6 Feb '80
- 1980 aircraft mishap forecast. Roger G.Crewse. illus tabs Aerosp Safety 36:2-5 Mar '80
- On fighter instruction. Maj Gary L.Sholders. illus Aerosp Safety 36:4-7 Jun '80
- On flying airplanes after things go wrong. Maj Pete Abler. illus TAC Attack 20:12-13 Feb '80
- Operational errors cause 50% of aircraft mishaps. Len Famiglietti. tab AF Times 41:13 Dec 22 '80
- Ops topics. Regular feature in issues of Aerospace Safety
- The other pilots in the Air Force. Maj Michael T. Fagan. illus Aerosp Safety 36:19-21 Jul '80
- Out of gas. Maj Patrick G.Richmond and Capt Stephen C.Daniels. illus Combat Crew 30:22-23 Jan '80
- A page from the past: Balloons or bombers. illus Aerosp Safety 36:24-26 Aug '80
- Part-time pilot ... full-time professional. Aerosp Safety 36:4 Jul '80
- A personal review. SqLdr Peter A.Barratt. (Reprinted from Aerospace Safety, June 1978) Aerosp Safety 36:20-22 May '80
- Pieces of the puzzle. Maj Pete Abler. illus TAC Attack 20:28-30 Aug '80
- Pop goes the life raft! Pat Henry and Frank Manie. illus Aerosp Safety 36:4-5 Jan '80
- Preparing the team for the Super Bowl. Col Gary R. Tompkins. illus Aerosp Safety 36: inside front cover Jun '80
- Pressing problems. Maj Jim Stewart. (Reprinted from Flight Comment, No.1, 1980) illus Aerosp Safety 36:5-7 Sep '80
- Rescue reversal. illus MAC Flyer 27:14-15 Jul '80

FLYING SAFETY - Continued

Residual effects of alcohol on aircrew performance. Leon M. Wise. (Reprinted from SAFE Journal, Summer 1980) illus Aerosp Safety 36:16-19 Sep '80

Rules for survival. Maj Wayne Skora. illus TAC Attack 20:22-23 Feb '80

Safety first ... last ... and always. illus Aerosp Safety 36:21-24 Sep '80

Safety trophies for distinguished contributions during 1979. illus Aerosp Safety 36:14-15 Jun '80

See and avoid. Maj Pete Abler. illus TAC Attack 20:4-6 Apr '80

Spatial disorientation. Maj Kenneth C. Dozier. Aerosp Safety 36:12-13 Feb '80

Spirit of the 76th (Military Airlift Sq). 1stLt Raymond R. Miller III and Capt Darryl Pichford. illus MAC Flyer 27:20-21 Oct '80

Tankers live longer. (The value of the in-flight Acoustic Crack Detection System (ACDS) for C/KC-135 aircraft) Budd Parrish. illus tabs Aerosp Safety 36:8-11 Apr '80

They're still trying to kill you. Maj Gary M. Sloop. MAC Flyer 27:6-7 Oct '80

30 years of combat crew flying. Maj Stephen J. Miller. illus tabs Combat Crew 30:6-7+ Jun '80

This thing called density altitude. illus Aerosp Safety 36: inside front cover Aug '80

Three strikes and you're out. Maj John W. Lapointe. illus TAC Attack 20:22-23 Dec '80

Thunderstorm avoidance using airborne radar. Capt Robert E. Leblanc. illus Aerosp Safety 36:10-12 Jun '80

To err is human. Maj Wayne Griffith. illus TAC Attack 20:20-23 Apr '80

To see or not to see. Maj Tom Shaughnessy and Capt Mike Shub. illus TAC Attack 20:26-29 Oct '80

Tornadoes and flying machines don't mix--and neither does anything else. Capt John K. Sanders. illus tab TAC Attack 20:12-14 May '80

Unchained melody, or how to almost run over your SOF. Capt John W. McGeough, Jr. illus Aerosp Safety 36:18-19 May '80

Visibility, safety and you. MSgt Frederick N. Rottet. illus Aerosp Safety 36:10-11 May '80

Volcanoes and airplanes. illus Aerosp Safety 36:16-17 Oct '80

Where did I say I was? CDR V.M. Voge. (Reprinted from Approach, Sep 1980) illus Aerosp Safety 36:24-26 Nov '80

Which way is down? CDR V.M. Voge. (Reprinted from Approach, May 1980) illus Aerosp Safety 36:16-18 Jul '80

Whifferdills, divergences, and other roll coupling phenomenon. Larry Walker. illus Aerosp Safety 36:5-7+ Apr '80

Whiteout: A rotary-wing winter menace. LtCol Robert L. Gardner. illus Aerosp Safety 36:8-11 Jan '80

FLYING SAFETY - Continued

Who's minding the bird? Capt Michael Wetherell. illus Aerosp Safety 36:26 Jun '80

Wingmen do it better. LtCol Horst Gaede. illus Aerosp Safety 36:3-4 Feb '80

History

Genesis of flying safety. (Gen William H. Tunner) Maj James G. Gibson II. illus MAC Flyer 27:14-15 Jun '80

FLYING TIME

Here are entered articles on time spent in flying by an individual pilot to maintain his proficiency rating. For articles on record flying time for a given distance see Aviation Records.

Falcons, Eagle pilots to fly longer in '81. AF Times 41:3 Dec 8 '80

House wants SAC cockpits kept desk-pilot free. AF Times 41:31 Oct 6 '80

How many up high, fly? AF Times 41:6 Nov 17 '80

More flying hours asked--jet engines available. Interview. BrigGen Richard D. Murray. AF Times 40:7 May 12 '80

Peacetime training vs wartime role. MajGen Charles F. G. Kuyk, Jr. Ret. illus tab Airlift Ops Rev 2: 11-12 Jul-Sep '80

Why AF pilots resign: They don't fly enough. John Ginovsky. AF Times 41:1+ Nov 10 '80

FOODSee also

Nutrition
Rations
Space Feeding

Food as a compulsion. illus AF Times pt 1, When dieting goes beyond just staying thin. Terri Moon. 40:35 Jul 14 '80; pt 2, Obesity program takes cue from Alcoholics Anonymous. Donna M. Peterson. 40:39-40 Jul 21 '80

How to obtain food stamps. AF Times 40:3 Jun 2 '80

Supplemental food available for active duty women, kin. Len Famiglietti. AF Times 40:3+ Jun 2 '80

Survival: May be a snare (for animals). SSgt James E. Marisch. illus Aerosp Safety 36:12-13 Sep '80

Costs

AFComs base survey sees 25 percent for AF. tab AF Times 40:14 Feb 18 '80

Commissary beef prices going up. Nancy Tucker. AF Times 41:2 Sep 15 '80

Food stamp use on rise. Karen McKay. AF Times 40:3 Jun 2 '80

Food stamp use soars; AFJ estimates 60,000 need them. Benjamin F. Schemmer. Armed Forces J Intl 117:39-40 Apr '80

Lackland (AFB, TX) store saves 25 percent. tab AF Times 40:25 Mar 17 '80

Langley (AFB, VA) comstore nets 24 percent savings. tab AF Times 40:21 Mar 24 '80

FOOD - ContinuedCosts - Cont'd

Mountain Home (AFB, ID) store 'nets' 29%. tabs AF Times 40:23 Mar 31 '80

People still save 25% at comstores. tab AF Times 41:10 Nov 10 '80

Robins (AFB, GA) store saves 22 percent. tab AF Times 40:37 Apr 21 '80

Store at Dover (AFB, DE) 'saves' 30 percent. tabs AF Times 40:26 Mar 3 '80

USMC Commandant (Gen Robert H. Barrow) leads Services in urging troops to use food stamps. SSgt Don Shinkaruk. tab Armed Forces J Intl 117:39 Apr '80

Inspection

Food service sanitation: Whose responsibility is it? TIG Brief 31:13-14 Dec 21 '79

Frequency of veterinary service inspection. TIG Brief 32:15 Apr 18 '80

Preservation

50 years of frozen foods. illus Review 58:40 Mar-Apr '80

FOOD SERVICESee also

In-Flight Meal Service.

Air Force

Dynamic role of readiness training. CMSgt Joseph H. Smith. illus AF Engrg & Svcs Qtr 21:3-5 Aug '80

England (AFB, LA), Eglin AFB (FL) take Hennessy honors. illus AF Engrg & Svcs Qtr 21: back cover Aug '80

Food services held 'vulnerable to fraud.' John Ginovsky. AF Times 40:2 Jul 21 '80

Harvest Bare revisited: Some lessons learned. LtCol Frank Dooley and Richard C. Lugent. illus AF Engrg & Svcs Qtr 21:13-15 Aug '80

Hennessy (Trophy food service awards) to England (AFB, LA), Eglin (AFB, FL). AF Times 40:4 Apr 28 '80

Jack Frost '79. Capt Patrick M. Coullahan and CMSgt Robert B. Wertman. illus AF Engrg & Svcs Qtr 21:6-8 Aug '80

Plan to halt Loring (AFB, ME), Shaw (AFB, SC) BAS rapped. John Ginovsky. AF Times 40:6 Mar 17 '80

Recipe for success. (Malmstrom AFB, MT, cooks receive training from experts in Great Falls) Capt Dick Sheffield. illus Airman 24:18-20 Mar '80

Armed Forces

Feeding the 'now' generation. MajGen Emmett W. Bowers. illus Army Log 12:8-11 Mar-Apr '80

Meal rates to rise. AF Times 41:26 Nov 3 '80

More singles may get BAS. Tom Philpott. AF Times 41:1+ Dec 15 '80

Navy

Navy's fast food track. CDR Michael H. Burnett. Review 58:32-33 May-Jun '80

FORCES COMMAND

The changeover to 'go to war' management. Gen Robert M. Shoemaker. illus Army 30:28-32 Oct '80

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries

FOREIGN DUTY PAY

House panel (Armed Services Subcommittee on Compensation) approves o'seas pay/leave plan. Martha Lynn Craver. AF Times 40:1+ Jun 30 '80

FOREIGN OBJECT DAMAGE

Another case of FOD. Capt John Wittmeyer. illus Aerosp Safety 36: inside front cover Apr '80

FOD, a constant problem. TIG Brief 32:18 Oct 31 '80

FOD awareness. TIG Brief 32:18 Nov 14 '80

FOD--it could be hazardous to your health. Capt Dennis Storck. illus Aerosp Safety 36: inside front cover May '80

FOD (of a different kind). TIG Brief 32:18 May 30 '80

FOREIGN RELATIONS

For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--Latin America; Latin America--Foreign Relations--United States.

See also

International Relations

FOREIGN SERVICE see Diplomatic and Consular Service

FOREIGN WEAPONS EVALUATION

Foreign Weapons Evaluation (FWE): Potential for saving time and money. F. Clifton Berry, Jr. illus tabs AF Mag 63:55-59 May '80

FORESTS AND FORESTRY

Forests--the Army's greens. SP5 Bill Branley. illus Soldiers 35:46-48 Jul '80

FORMATION FLYING

Flight lead responsibilities. illus TAC Attack 20: 22-24 Oct '80

Flight lead responsibilities. Maj Mike Ridnouer. illus TAC Attack 20:4-6 Sep '80

The formation challenge. Maj James L. Gillespie. illus Aerosp Safety 36:2+ Feb '80

Low altitude training considerations. Maj Robert L. Tone. illus USAF Ftr Wpns Rev, pp 2-5, Fall '80

Tactical formation can be hazardous to your health. BrigGen Leland K. Lukens. Aerosp Safety 36:27 Nov '80

Wingmen do it better. LtCol Horst Gaede. illus Aerosp Safety 36:3-4 Feb '80

Study and Teaching

Go lost wingman. Capt Craig Lamkin. illus TAC Attack 20:14-15 Jan '80

FORMOSA see China (Republic)

FORMS, MILITARY

A form (AFTO 781A) in your future. Maj Dion W. Johnson. illus Aerosp Safety 36:10-11 Sep '80

You and the 781. Maj David G. Miller. illus Combat Crew 30:4-5+ Feb '80

FORREST, John F.

LtGen Forrest speaks about leadership to Army Section (ROA). Officer 56:11 Aug '80

FORTS see Army PostsFORWARD AIR CONTROLLERS

Reinventing the FAC: Vietnam, 1962. Maj Douglas K. Evans, Ret. illus AF Mag 63:71-75 Feb '80

Still leading the way. (Wisconsin ANG uses OA-37 jets for forward air control) Sgt Craig Pugh. illus Airman 24:2-6 Aug '80

Education and Training

The facts about FACs. Capt Katie Cutler. illus Airman 24:29-32 Feb '80

Phase in the FACs. (The 110th Tactical Fighter Sq, ANG, performs a mission with student FACs) LtCols Julius S. Schweich, Jr and John D. Springer. illus Airman 24:7-9 Aug '80

FORWARD BASESUnited States

U.S. security interests in the South Pacific. Elliott Hurwitz. map Asian Def J No. 5:129-130 Sep-Oct '80

FORWARD OBSERVER

HELBAT: The way to tomorrow's artillery? R. B. Pengeley. illus Intl Def Rev 13, No. 1:83-88 '80

Putting the HEL into HELBAT (Human Engineering Laboratory Battalion Artillery Test). SgtMaj Bruce N. Bant. illus Soldiers 35:39-41 Mar '80

Saab BT 33 artillery fire control simulator. illus Armada Intl 4:56+ Jan-Feb '80

FOSSUM, Robert R.

(Defense Advanced Research Projects Agency and its relationship to DOD) Interview. Robert R. Fossum. por Mil Elect/Countermeasures 6:16+ Apr '80

FOUR-DAY WEEK see Hours of LaborFOX, Cecil E.

Labor-management relations at Tinker Air Force Base (OK): Fair and fundamental. MajGen Cecil E. Fox. Def Mgt J 16:52-55 First Quarter '80

FRANCEEconomic Policy

Energy, economics and security in alliance perspective. Robert J. Lieber. tabs Intl Sec 4:139-163 Spring '80

FRANCE - ContinuedForeign Economic Relations

Energy, economics and security in alliance perspective. Robert J. Lieber. tabs Intl Sec 4:139-163 Spring '80

Foreign Policy

Energy, economics and security in alliance perspective. Robert J. Lieber. tabs Intl Sec 4:139-163 Spring '80

Foreign RelationsNATO

The evolving French strategic debate. D. Bruce Marshall. illus Strat Rev 8:59-77 Spring '80

FRAUD

AAFES curbing abuses. AF Times 41:14 Oct 13 '80

Bad checks in AAFES up 21 percent in 8 months. AF Times 40:4 Jan 14 '80

Contract cleanup ordered by OMB. AF Times 41:35 Aug 11 '80

DEERS (Defense Enrollment/Eligibility Reporting System) may go overseas early. Len Famiglietti. AF Times 41:4 Nov 17 '80

DOD calls for audits to combat BX fraud. AF Times 40:10 Feb 25 '80

DOD expanding system to catch military health care 'abusers.' AF Times 40:4 Jun 9 '80

Ex-member debtors may face bill collectors. Paul Smith. AF Times 41:2 Dec 22 '80

Fraud hotline. TIG Brief 32:12 Jul 11 '80

Fraud or mismanagement. TIG Brief 32:10 Oct 31 '80

Fraud/waste/abuse: Conflicts of interest. TIG Brief 32:16 Sep 12 '80

Health fraud fight (Defense Eligibility Enrollment Reporting System) expanding Aug 1. AF Times 40:25 Jul 7 '80

How do supplies just slip away? TIG Brief 32:6-7 Nov 28 '80

Investigating unauthorized toll calls. TIG Brief 32:6 Jan 11 '80

It couldn't happen here! Could it? TIG Brief 32:12 Jun 13 '80

Keeping you from being surprised. Col Richard S. Beyea, Jr. TIG Brief 32:1-2 Oct 31 '80

Medical supply activities: Fraud, waste, and abuse potentials. TIG Brief 32:3 Aug 29 '80

New IDs OK'd; will cut fraud, misuse. Paul Smith. AF Times 41:1+ Aug 4 '80

Putting the clamps on government waste. David D. Acker. illus Def Mgt J 16:38-43 First Quarter '80

FRAUD - Continued

74 Koreans tied to black market. SSgt Tom Fuller. AF Times 41:22 Sep 15 '80

Theft of waste petroleum products. TIG Brief 32:13 Aug 8 '80

FREDERICK II, King of Prussia

The heyday of the balance of power: Frederick the Great and the decline of the old regime. James A. Nathan. illus Nav War Col Rev 33:53-67 Jul-Aug '80

FREEDOM

Freedom and the soldier. Alistair Cooke. illus Parameters 10:2-7 Sep '80

FREEDOM OF INFORMATION

Government data policy: Is it a threat to U.S. technology? Charles S. Haughey. Def Sys Mgt Rev 3:96-103 Summer '80

"I'm sorry, Monsieur, but we cannot trust the U.S. government." CDR Edward P. Stafford, Ret. illus US Nav Inst Proc 106:104-106 Jul '80

The impact of the Freedom of Information Act on the contractor's technical proposal. Maj Van R. Muhn. tab AF J Log 4:4-8 Winter '80

The love-hate affair between the Pentagon and the press. Lloyd Norman. illus Army 30:14-20 Feb '80

FREEDOM OF SPEECH

Federal employee picketing: Regulation of a privilege. Nicholas J. LoBurgio. AF Law Rev 21, No. 2: 330-363 '79

Free speech, the military, and the national interest. Maj Felix F. Moran. AU Rev 31:106-113 May-Jun '80

FREEDOM OF THE PRESS

Keep telling it like it is. LtCol Robert W. Smith, Ret. MarCor Gaz 64:63-66 Jun '80

FREIGHT AND FREIGHTAGE

Freight pipeline technology. Iraj Zandi. illus tabs Log Spectrum pt 1, State of the art. 14:17-21 Fall '80

FRIGATES see DestroyersFRINGE BENEFITS

AF hopes for 'singles COLA,' mileage break, other benefits. Bruce Callander. tab AF Times 41:1+ Oct 6 '80

(AF Retiree) Council wants CHAMPUS for retirees over 65. AF Times 41:29 Dec 15 '80

AFA policy paper: Defense manpower issues. AF Mag 63:75-77+ Nov '80

Benefits: Lost? Or found? Col Allen J. Montecino. Airman 24:19 Jun '80

Benefits package called 1st stop. (Joseph C. Zengerle before House Armed Services Subcommittee on Military Personnel) AF Times 40:4 Mar 10 '80

FRINGE BENEFITS - Continued

Benefits package gains in Congress: For some--better than pay raise. Bruce Callander. AF Times 40:1+ Feb 18 '80

Benefits package gains in Congress: Senate approves, House OK expected. Andy Plattner. AF Times 40:1+ Feb 18 '80

Benefits plan--a mixed bag. Bruce Callander. tabs AF Times 40:1+ Mar 3 '80

Benefits: What about the losers? Bruce Callander. AF Times 40:14+ Feb 25 '80

Better incentives than pay hike? Bruce Callander. illus AF Times 41:22+ Dec 15 '80

CHAMPUS benefits plan delayed 'til '81. Paul Smith. AF Times 41:6 Oct 6 '80

Carter gets benefits bills. Martha Lynn Craver. AF Times 41:1+ Dec 22 '80

Civilian personnel concerns. AF Plcy Ltr for Comdrs: Sup, pp 26-28, Aug '80

Compensation: A new attitude. Joseph C. Zengerle. AF Times 40:20+ Jun 23 '80

DOD: Benefits raise 'salary' 13.3 percent. tab AF Times 41:4 Oct 13 '80

DOD readies VHA for Oct 31 checks. Tom Philpott. AF Times 41:1+ Oct 13 '80

DOD survey: Fringes worth a lot. tabs AF Times 40:1+ Jul 21 '80

DOD would overhaul educational benefits. Richard C. Barnard. AF Times 40:1+ Feb 25 '80

(DefSec) Brown says no reallocation. AF Times 41:1+ Sep 29 '80

(Dental) care--boon to lower EM. Paul Smith. tab AF Times 40:22 Jun 9 '80

(Gen David) Jones to (Harold) Brown: Full Nunn-Warner benefits 'essential.' Bruce Callander. AF Times 40:1+ Apr 21 '80

Hale Koa holiday. Helen Kay Ellsworth. illus map Soldiers 35:42-44 Dec '80

House panel (Appropriations Committee) OKs full benefits funding. Martha Lynn Craver. AF Times 41:3 Sep 22 '80

House passes 'fair benefits.' Martha Lynn Craver. AF Times 41:1+ Sep 29 '80

It's official: 11.7% raise and benefits package. AF Times 41:1+ Sep 22 '80

LC's (LtCol Charles Ackerman) 'total benefits' idea draws attention of Hill. Andy Plattner. AF Times 40:7 Mar 31 '80

Married fliers seen big gainers in BAS. AF Times 41:4 Sep 22 '80

Memo offers alternative to Nunn-Warner (benefits package). Paul Smith. AF Times 40:24 May 5 '80

Nunn-Warner action: Panel (House Armed Services Committee) votes VHA (Variable Housing Allowance) as a 'right.' AF Times 40:1+ Jun 23 '80

FRINGE BENEFITS - Continued

Nunn-Warner, dental plan get Carter okay. AF Times 40:1+ Jun 9 '80

Nunn-Warner gets past Senate, heads for House. AF Times 41:3 Sep 1 '80

Nunn-Warner nears Hill OK. AF Times 41:3 Aug 18 '80

Nunn-Warner: No money until October 1. AF Times 40:4 Jul 14 '80

OK near on 11.7% hike and 'high 3.' Martha Lynn Craver. AF Times 41:1+ Aug 11 '80

O'seas extension, extra \$\$ for EM: Fair benefits bill near Senate vote. Martha Lynn Craver. AF Times 41:1+ Dec 1 '80

The package. Editorial. AF Times 41:19 Sep 29 '80

Pay, benefits jumping \$4 billion this month. Tom Philpott. AF Times 41:4 Oct 6 '80

Pay, benefits laws: Here is rundown. AF Times 41:4 Sep 22 '80

Pay recipe: Too many cooks. Bruce Callander. AF Times 40:20+ Apr 21 '80

Pay, retiree limits mar benefits bills. Martha Lynn Craver. AF Times 40:1+ Jul 7 '80

Pirie assesses benefits impact. Interview. Robert B. Pirie. illus AF Times 41:4 Sep 29 '80

Plan for tomorrow ... Helen Kay Ellsworth. tabs Soldiers 35:50-52 Jul '80

President signs Nunn-Warner. illus AF Times 41:2 Sep 22 '80

Price gives views on benefits. Interview. Rep Melvin Price. illus AF Times 41:8 Aug 25 '80

Raise, benefits OK, funds face delay. Martha Lynn Craver. AF Times 41:1+ Sep 8 '80

Reallocation options studied. AF Times 41:12 Aug 25 '80

Retirees: 30 years to reach the bottom of the ladder. Irene Thibodeau. illus AF Times, Times Magazine sup:26+ Oct 6 '80

Senate OKs 11.7% hike; Carter can shift 25%. Martha Lynn Craver. AF Times 40:1+ Jul 14 '80

Senate panel (Appropriations Committee) OKs DOD money bill. AF Times 41:3 Dec 1 '80

Senate ready to approve money resolution. AF Times 41:3 Oct 6 '80

Services urge Reagan to boost pay, benefits--retroactive 5.3 percent. Tom Philpott. AF Times 41:1+ Dec 29 '80

Some benefits could appear by midmonth. AF Times 41:1+ Sep 15 '80

Status of our strength and will. (Presentation, Dining-Out, Wright-Patterson AFB, OH, Sep 13, 1980) LtGen Richard E. Merkling. AF Plcy Ltr For Comdrs: Sup, pp 16-21, Nov '80

TROA wants benefits shored up. Bruce Callander. AF Times 41:4 Oct 20 '80

FRINGE BENEFITS - Continued

12 ways to hang on to Army Reservists. Col James R. Compton. illus Army 30:53-56 Apr '80

23% BAS boost seen this fall. Bruce Callander. AF Times 41:1+ Sep 15 '80

VHA (Variable Housing Allowance) asked for kin left behind in CONUS. Martha Lynn Craver and Paul Smith. AF Times 40:1+ Jun 16 '80

VHA will be paid for all of October. Tom Philpott. AF Times 41:3 Oct 20 '80

White House would kill 2 items (variable housing allowance (VHA) and a 10 percent increase in the basic allowance for subsistence (BAS)) in pay package. Randy Shoemaker. AF Times 40:1+ Apr 14 '80

FUEL CONSERVATION see Energy ConservationFUEL CONTAMINATION

Vermiculite contamination of fuel samples. TIG Brief 31:3 Dec 21 '79

FUEL SYSTEMS

Coal pushed as pollution 'control.' AF Times 40:11 Mar 10 '80

FUEL TANKSSee also

Airplanes--Fuel Tanks
Airplanes, Military--Fuel Tanks

Toledo inferno. SSgt Joseph E. Snider. illus Air Reservist 32:23 Jun '80

FUELSSee also

Airplanes--Fuels
Airplanes, Jet-Propelled--Fuels
Airplanes, Military--Fuels
Airplanes, Transport--Fuels
Propellants

Coal pushed as pollution 'control.' AF Times 40:11 Mar 10 '80

Federal activists. H. Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12: 41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-40 Dec '80

Fuel accountability. TIG Brief 32:11 May 16 '80

Fuel economy and the trucking industry. Richard F. Poist and Lawrence M. O'Connor. illus tabs Def Trans J 36:18-22+ Apr '80

Fuel from trash: On the way? AF Times 40:14 Jun 23 '80

Hydrogen: The fuel of the future. George J. Hirt. illus tab Mil Engr 72:94-98 Mar-Apr '80

Keep our energy options open. (Research at Sandia National Laboratories) James Howard Scott. illus Def Trans J 36:25-31 Apr '80

(Nuclear power) (Industrial luncheon address, AFCEA Convention, Washington, June 26, 1980) Rep Richard B. Cheney. illus Signal 34:36-39 Aug '80

FUELS - Continued

- Operating a tactical marine terminal. Capt Roger W. McHenry. illus Army Log 12:20-23 Sep-Oct '80
- The past and future of natural gas. Kenneth A. Rogers. tabs map Mil Engr 72:90-94 Mar-Apr '80
- Standby for gas rationing. A.L. Allen. Review 58; 33-34 Mar-Apr '80
- Synfuels: Energy sources whose time has come. Milton Meckler. illus Mil Engr 72:87-90 Mar-Apr '80
- Theft of waste petroleum products. TIG Brief 32:13 Aug 8 '80
- Transfer of technology and the fuel cycle. Dalmau Costa. AEI For Plcy & Def Rev 1, No.6:9-15 '79
- Transportation's place in the energy picture. William H. Dempsey. tabs Def Trans J 36:5-6+ Apr '80
- Trash to energy via RDF (Refuse-Derived Fuel). Leon Glaspell and Thomas E. Shoup. illus tab AF Engrg & Svcs Qtr 21:13-16+ Nov '80
- Truck transportation in a fuel-short economy. Donald L. McMorris. tabs Def Trans J 36:32-34+ Sep '80
- Use of gasohol endorsed by AF. AF Times 41:7 Oct 20 '80

Costs

- Aviation fuel and the airlines. Paul Maurice. illus tabs Interavia 35:1008-1009 Nov '80

FUND RAISING

- CFC (Combined Federal Campaign) rules--no arm-twisting. AF Times 40:4 Apr 28 '80

FURLONG, Raymond B.

- Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79; Rebuttal: Yes, there really is a better way to win a war in Europe. Maj Leslie J. Hamblin. 31:70-72; Responses. Maj Charles W. Specht and others. 3:73-82 Sep-Oct '80

FUSES, ELECTRONIC

- Overfusing (of telephone key systems). TIG Brief 32:6 Feb 22 '80

FUSES, ORDNANCE

- Development and use of field artillery proximity fuzes in World War II. Capt Larry D. Gahagan. illus Fld Arty J 48:37-39 Mar-Apr '80
- Skipping across the ramp. 1stLt Steve Smith. illus USAF Ftr Wpns Rev, pp 28-32, Fall '80
- When you drop live. 1stLt Mark Baker. illus tabs USAF Ftr Wpns Rev, pp 8-14, Fall '80

FUTURE

- See also
War, Future

- Air Force C³ technologies. LtGen Robert T. Marsh. illus Signal 35:32-36 Sep '80

FUTURE - Continued

- Air Force: Off to the future. Hy Kaplan. illus Sergeants 18:26-31 Sep '80
- All-volunteer force needs new incentives for 1980s (Hoover-Rochester Conference). Andy Plattner. AF Times 40:10 Jan 21 '80
- The Army and the 1980's. Col John R. Witherell and LtCol Andrew P. O'Meara, Jr. illus Parameters 9:41-51 Dec '79
- Army challenges in the 80's: The big picture. Gen E.C. Meyer. (Excerpts from "White Paper 1980") illus Soldiers 35:28-29 Jul '80
- The Army of the future. Interview. LtGen Don R. Keith. illus Def & For Aff 8, No.5:42-43 '80
- Base communications improvements for the 1980s. BrigGen William G. MacLaren, Jr. Signal 35:19-21 Nov '80
- The C-5: Extending it into the 21st century. Paul Seidenman. illus Natl Def 65:34-37+ Dec '80
- The challenge of the '80s. (Presentation, Fall Planning Conference, Air Force Section, Reserve Officers Assoc, Louisville, KY, Oct 27, 1979) LtGen Abbott C. Greenleaf. AF Plcy Ltr for Comdrs: Sup No.1:26-34 Jan '80
- The Coast Guard in the eighties. CAPT Robert G. Moore. illus US Nav Inst Proc 106:36-53 Oct '80
- Command and control in the 80s. (Convention panel, AFCEA, Washington, June 25, 1980) RADM Frederick C. Johnson and others. illus maps Signal 34:61-62+ Aug '80
- Command, control and communications in the future. (Presentation, 16th Annual Meeting, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 30-40, Aug '80
- Comprehensive OMB report takes a future look at the Federal life of general purpose ADP's. tabs Govt Exec 12:49-50+ Mar '80
- The Corps 20 years from now. LtCol John S. Grinalds. MarCor Gaz 64:16+ Feb '80
- Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. illus Signal 35:9-12+ Oct '80
- The crystal ball is soft and fuzzy: Predicting communications requirements for future Marine Corps tactical data systems. LtCol J.H. Wickens. illus Signal 34:63-67 Feb '80
- Decade of challenge ... the 1980s. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 21:3-6 Feb '80
- The 80s. illus AF Times, Times Magazine sup:5-9+ Feb 4 '80
- Energy: Will the political arena survive the decision process. illus Govt Exec 12:17+ Mar '80
- A fleet for the year 2000: Future force structure. F.J. West, Jr. illus tabs US Nav Inst Proc 106:66-81 May '80
- Flight simulation in air-combat training. Col Richard C. Needham and others. illus tabs Def Mgt J 16:18-23 Fourth Quarter '80

FUTURE - Continued

Future armored vehicles: Flying tanks. Col R.R. Battreall, Ret and Maj Joe L. Riggins. illus tabs Armor 89:56-59 Jul-Aug '80

The future of American science. Philip Handler. illus Nav War Col Rev 33:57-67 Jan-Feb '80

The future of HF communications in C³. J.D. Cosgrove and H.W. Swan. illus map Signal 34:15-17+ Feb '80

The future of U.S. sea power. ADM Thomas B. Hayward. (Reprinted from United States Naval Institute Proceedings, May 1979) illus Asian Def J No. 5:124-127 Sep-Oct '80

HF radio program for the future. Michael J. DiJulio. Signal 35:16-17 Nov '80

Iran: Keystone in shambles. John Golden. map Natl Def 64:28-32 Apr '80

Lasers--beaming into a brighter future. SP5 Gary L. Kieffer. illus Soldiers 35:10-12 Oct '80

Logistics chiefs worry about 1995. AF Times 40:17 May 5 '80

A look at the major Marine Aviation issues. Col Richard A. Gustafson and LtCol Michael H. Conner. tab illus MarCor Gaz 64:56-63 May '80

Looking to the long run. (Navy's Long Range Planning Group) CDR Gordon G. Riggie. illus US Nav Inst Proc 106:60-65 Sep '80

Marine Aviation 1980: Progress, problems, and a preview of the future. Interview. LtGen William J. White. illus MarCor Gaz 64:46-47+ May '80

Military helicopters for the next decade. Marc Grangier. illus Interavia 35:619-620 Jul '80

Navy advanced communications. John R. Boyd. tabs Signal 35:39-41 Sep '80

New perspectives on aviation: Is the sky still the limit? (Louis H. Bauer Lecture) John H. Winant. Aviation, Space & Envt Med 51:809-813 Aug '80

New vulnerabilities for the 1980's. Sen Paul Laxalt. Intl Sec Rev 5:261-270 Fall '80

Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80

The 1980s--destination unknown. John L. Frisbee. AF Mag 63:8-9 Jan '80

165 aircraft mishaps: Will they happen? tab AF Times 40:8 Apr 21 '80

The "people" side of strategic deterrence: Why the draft won't solve the problem either. Govt Exec 12:22-24 Mar '80

FUTURE - Continued

Planning for the Navy of the 1980s. VADM M. Staser Holcomb. illus tabs US Nav Inst Proc 106:40-45 Sep '80

The rapid deployment force--a future muscle for America. Hy Kaplan. illus Sergeants 18:18-20 Mar '80

Reassessing the strategic balance. Richard Burt. Intl Sec 5:37-52 Summer '80

Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 3:2-35 Mar '80

SAC looks at the '80s. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 2:24-30 Feb '80

The shape of the future. illus Signal 34:11-13+ Jan '80

The state of the Navy. CDR William S. Hoffman. illus US Nav Inst Proc 106:34-39 Sep '80

Strategies into the coming century. Gregory R. Copley. illus Def & For Aff 8:6-7+ Nov '80

Tactical air warfare--the next 20 years. (Presentation, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) BrigGen Robert Russ. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Jul '80

Teleconferencing in the 1980s. Reinhard Stamminger. tabs maps Signal 34:41-43 Jul '80

Thinking about the future of the Navy. ADM Stansfield Turner, Ret. illus US Nav Inst Proc 106:66-69 Aug '80

Tito's death: Yugoslavia's survival? Col Wil Ebel. illus Natl Def 64:54-56+ Jun '80

To what ends military power? Robert J. Art. illus tab Intl Sec 4:3-35 Spring '80

Tomorrow's war today. BrigGen Jerry Max Bunyard. illus AF Mag 63:64-67 Oct '80

The U.S. in the 80's: An economic analysis. Joseph A. Wahed. Review 58:70-72 Jan-Feb '80

VISTA--preparing for tomorrow's information society. Larry G. Wilson. illus Signal 34:31-33 Mar '80

Visual simulation in Navy training. A. Michael Spooner and others. illus Def Mgt J 16:26-32 Fourth Quarter '80

GCA see Ground-Controlled Approach

GALLOTTA, Albert A.

(Naval electronic warfare) Interview. RADM Albert A. Gallotta. por Mil Elect/Countermeasures 6:16+ Feb '80

Navy electronic warfare and counter C³ programs. RADM A.A. Gallotta, Jr. Signal 35:19-22 Oct '80

GAMBLING

The gambler. Steve Sternberg. illus AF Times 41:43 Oct 6 '80

Slot machines delayed 'til Spring. AF Times 41:14 Nov 24 '80

GAMES, THEORY OF

See also
War Games

GARN, Edwin J.

Exploitable strategic nuclear superiority. Sen Jake Garn. Intl Sec Rev 5:173-192 Summer '80

GAS TURBINES (AIRCRAFT)

I am your fuel control. Clarence J. Carter. illus USA Avn Dig 26:16-19 Nov '80

Characteristics

Trends in new-generation turboprop engines. Marc Grangier. illus Interavia 35:422-423 May '80

GASES

See also
Hydrogen
Oxygen

Argon gas cylinders: Not a collector's item. TIG Brief 32:9 Mar 7 '80

A comparison between freon and acetylene rebreathing for measuring cardiac output. Flemming Bonde-Petersen and others. illus tabs Aviation, Space & Envmt Med 51:1214-1221 Nov '80

Compressed gas cylinder valves. TIG Brief 32:5 Oct 17 '80

Compressed gases. TIG Brief 32:8 May 2 '80

Gaseous nitrogen terms confusing? TIG Brief 32:9 Aug 8 '80

Psychomotor performance during ozone exposure: Spectral and discriminant function analysis of EEG. J.A. Gliner and others. tabs Aviation, Space & Envmt Med 51:344-351 Apr '80

Pulmonary and symptom threshold effects of ozone in airline passenger and cockpit crew surrogates. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 51:878-884 Sep '80

Relation of breathing oxygen-argon gas mixtures to altitude decompression sickness. Julian P. Cooke and others. illus tabs Aviation, Space & Envmt Med 51:537-541 Jun '80

GASES, ASPHYXIATING AND POISONOUS

Escaping chlorine gas. TIG Brief 32:17 Aug 8 '80

GASES IN WARFARE see Chemical-Biological Warfare

GAVIN, James M.

LtGen James M. Gavin to get Marshall Medal (from AUSA). por Army 30:11 Aug '80

GENERAL ACCOUNTING OFFICE

(AF Sec Hans) Mark on Hill: GAO misunderstood computer plan. AF Times 40:4 Jan 28 '80

GAO asked to probe use of consultants. Karen McKay. AF Times 40:6 Jul 7 '80

GAO BX report ruffles some Pentagon feathers. AF Times 40:46 May 12 '80

GAO calls illegal \$4 million EM oil refund. AF Times 41:6 Oct 27 '80

GAO charges DPSC (Defense Personnel Support Center) with poor bookkeeping--millions out of control. Paul Smith. AF Times 41:8 Dec 29 '80

GAO criticizes handling of Article 15s. AF Times 41:22 Sep 22 '80

GAO: Engineering costs top estimates. John Ginovsky. AF Times 40:17 Mar 10 '80

GAO: Faster discharges save \$\$\$. AF Times 41:3 Aug 18 '80

GAO faults DOD on plans to handle war casualties. AF Times 41:4 Jul 28 '80

GAO inspection finds many health hazards. AF Times 40:7 Jan 21 '80

GAO is critical of rec facilities. AF Times 41:46 Sep 29 '80

GAO: Keep retired raises below CPI. Paul Smith. AF Times 40:1+ Jul 21 '80

GAO: Move parcels by ship, not by air. AF Times 40:11 Feb 18 '80

GAO raps DOD on NATO (E-3A) deal. Len Famiglietti. AF Times 41:26 Aug 18 '80

GAO report: (AF) watercraft off course. Len Famiglietti. AF Times 40:6 Jun 9 '80

GAO report urges flexibility: Budget plans hurting recruiting. AF Times 41:47 Nov 3 '80

GAO says pay raise formula for civilians lacks full data. AF Times 41:12 Oct 20 '80

GAO shoots blanks at commissary system. Review 58:28-29 Mar-Apr '80

GAO spots flaw in Reserve SGLI program. Karen McKay. AF Times 40:9 Jun 9 '80

GAO taking new look at BX prices, benefits. AF Times 40:16 Mar 17 '80

GAO wants more pooling of support services. AF Times 41:32 Oct 6 '80

Penny in Pacific may disappear. Cindy Skaugen. AF Times 40:6 Jan 28 '80

Proposed HA cuts called unfair. Richard C. Barnard. AF Times 40:4 Mar 17 '80

Report draws criticism: GAO wants BXs joined. Karen McKay. AF Times 41:8 Aug 4 '80

GENERAL ACCOUNTING OFFICE - Continued

Stores blasted in GAO study. AF Times 40:1+
Jan 28 '80

GENERAL DYNAMICS CORP

A panorama--from General Dynamics. Pictorial.
Aerosp Hist 27:180-185 Sep '80

GENERAL OFFICERSAir Force--U.S.

CinCSAC's during 30 years. Portraits only. Combat
Crew 30:16-17 Jun '80

The generals. (Senior navigator and aircraft observer
leaders as of June 1, 1980) illus Navigator 27:9-11
Summer '80

Generals on the move. (Title varies) Regular feature
in some issues of Air Force Times

No general officer cutbacks in FY 1981. AF Times
41:29 Sep 22 '80

Senior staff changes. Regular feature in issues of Air
Force Magazine

79 generals on selection lists. AF Times 41:14
Dec 1 '80

Armed Forces--U.S.

Flag rank quarters cost too much, auditors say. AF
Times 41:6 Aug 25 '80

Star status: Army, Navy, Air Force, Marines. Regu-
lar feature in issues of Armed Forces Journal In-
ternational

Army--U.S.Directories

General officer changes. Regular feature in News
Call section of some issues of Army

Senior Army officers in special assignments. Army
30:219 Oct '80

Marine Corps--U.S.

The Corps' four-star generals. Louis J. Caporale.
illus tab MarCor Gaz 64:70-74 Nov '80

General officer changes. (Title varies) Regular fea-
ture in some issues of Marine Corps Gazette

Directories

Flag and general officers of the naval services: Of-
ficers of flag rank of the U.S. Navy, U.S. Coast
Guard, and NOAA, and general officers of the U.S.
Marine Corps on active duty as of 31 March 1980.
illus US Nav Inst Proc 106:185-211 May '80

GENERAL PURPOSE FORCES

See also
Tactical Air Forces

France

New look for French tactical land forces. Capt Jean-
Pierre Pailler. illus Air Def Mag, pp 36-38, Jul-
Sep '80

GENERAL PURPOSE FORCES - ContinuedNATO

General purpose forces. Steven L. Canby. tabs Intl
Sec Rev 5:317-346 Fall '80

Russia

General purpose forces. Steven L. Canby. tabs Intl
Sec Rev 5:317-346 Fall '80

United States

Air Force programs: An overview. (Presentation,
Baltimore, March 24, 1980) MajGen James E.
McInerney, Jr. AF Plcy Ltr for Comdrs: Sup,
pp 34-40, May '80

General purpose forces. Steven L. Canby. tabs Intl
Sec Rev 5:317-346 Fall '80

Report to the 96th Congress. (Presentation, House
Armed Services Committee, Washington, Feb
1980) Hans M. Mark and Gen Lew Allen, Jr. tabs
AF Plcy Ltr for Comdrs: Sup No. 3:2-35 Mar '80

Warsaw Pact

Stay behind armored units. John F. Milsom. illus
Armor 89:46-51 May-Jun '80

GENERAL SERVICES ADMINISTRATION

GSA (General Services Administration) announces new
rate increases (in the Interagency Motor Pool Sys-
tem). TIG Brief 32:9 Jul 25 '80

GSA (General Services Administration): Top manage-
ment gaining visibility and speed. Govt Exec 12:
15-16+ Jul '80

GSA region scores with word processing. Robert M.
Redmond. Govt Exec 12:48-50 Apr '80

GSA: The government's "Fred." R. James Woolsey.
Armed Forces J Intl 118:70 Oct '80

GENERATORS, ELECTRIC

Aircraft ground power. A. Gunn. illus Aerosp Intl 16:
48-51 Nov-Dec '80

GENEVA CONVENTIONS

Deception, spying fall under Geneva accords. Don
Mace. AF Times 41:12 Sep 29 '80

The punishment of war crimes: Have we learned the
lessons of Vietnam? Guenter Lewy. illus Param-
eters 9:12-19 Dec '79

Treatment of POWs. Don Mace. AF Times 41:18
Sep 22 '80

GEODESY

A call to adventure. (USAF's Geodetic Survey Squad-
ron) Capt Dick Sheffield. illus Airman 24:16-20
Feb '80

GEOPOLITICS

Confrontation in the Middle East. Gen Hamilton H.
Howze, Ret. illus map Army 30:22-26 Aug '80

Pakistani geopolitics: The diplomatic perspective.
Sultan Muhammed Khan. Intl Sec 5:26-36 Sum-
mer '80

GEOPOLITICS - Continued

Soviet geopolitical momentum: Myth or menace?
Trends of Soviet influence around the world from
1945 to 1980. tabs Def Monitor 9: entire issue
Jan '80

GERM WARFARE see Chemical-Biological Warfare

GERMANYHistory

Structural flaws or internal cohesion? A new look at
Imperial Germany. Dennis E. Showalter. AU Rev
31:111-114 Jul-Aug '80

GERMANY (DEMOCRATIC REPUBLIC)

On the frontier of freedom. SP5 Gary L. Kieffer. illus
Soldiers 35:14-18 Dec '80

GERMANY (FEDERAL REPUBLIC)

German security policy: Position, problems, pros-
pects. Hans Rühle. Intl Sec Rev 5:193-208
Summer '80

On the frontier of freedom. SP5 Gary L. Kieffer. illus
Soldiers 35:14-18 Dec '80

Foreign Economic RelationsRussia

A hydrocarbon Rapallo? R. James Woolsey. Armed
Forces J Intl 118:61 Sep '80

Foreign RelationsEurope, Western

European security and the German problem. Chris-
toph Bertram. Intl Sec 4:105-116 Winter '79/'80

Russia

From Moscow "mit Liebe." Editorial. Walter F.
Hahn. Strat Rev 8:5-7 Summer '80

German security policy: Position, problems, pros-
pects. Hans Rühle. Intl Sec Rev 5:193-208
Summer '80

United States

From Moscow "mit Liebe." Editorial. Walter F.
Hahn. Strat Rev 8:5-7 Summer '80

German security policy: Position, problems, pros-
pects. Hans Rühle. Intl Sec Rev 5:193-208
Summer '80

Strategic Importance

NATO strategy under discussion in Bonn. Udo Phi-
lipp. illus maps Intl Def Rev 13, No. 9:1367-
1371 '80

GIBRALTAR

On the rock (of Gibraltar)! illus Natl Guard 34:12-14+
Nov '80

GIFTSLaws and Regulations

Accepting gifts: Limit is \$100. AF Times 40:14
Jul 14 '80

GILBERT, William D.

Air Force engineering in the 1980's. MajGen William
D. Gilbert. Mil Engr 72:15-18 Jan-Feb '80

Decade of challenge ... the 1980s. MajGen William
D. Gilbert. AF Engrg & Svcs Qtr 21:3-6 Feb '80

Vandenberg (AFB, CA) launches in 1983--MX, space
projects bulk large. Interview. MajGen William
D. Gilbert. AF Times 40:21 Mar 31 '80

GINN, William H., Jr

Our military partnership with Japan. LtGen William
H. Ginn, Jr. por Defense/80, pp 18-20, Nov '80

GLASS

Memorial windows: Camp Lejeune's stained glass
masterpieces. LT Joseph R. Kerr. illus MarCor
Gaz 64:45-48 Dec '80

GOLD see MetalsGOLDWATER, Barry M.

Goldwater's somber warning. LtGen Ira C. Eaker,
Ret. AF Times 41:19-20 Aug 4 '80

GOVERNMENT AGENCIESUnited States

ACTION: A case of mismanagement hard at work.
tabs Govt Exec 12:34-35 Oct '80

GOVERNMENT EMPLOYEES see Civilian Employees

GOVERNMENT OWNERSHIPSee also

Property, Government

GOVERNMENT PRINTING OFFICE

World's biggest bookstore (Government Printing
Office). Jerry Atchison. illus Soldiers 35:50-52
Dec '80

GRADES see RankGRADING see Tests and MeasurementsGRANGE, David E., Jr

The Infantryman's helicopter in the 1980's. MajGen
David E. Grange, Jr. por USA Avn Dig 26:2-3
Apr '80

GRAVELY, Samuel L., Jr

The DCA--a rock and a hard place. (Address, AFCEA
Washington Chapter, June 1980) VADM Samuel L.
Gravelly, Jr. por Signal 34:7-9+ Apr '80

GRAVITY

Cardiovascular responses of man exposed to +Gz
accelerations in a centrifuge. B. Vettes and others.
illus tabs Aviation, Space & Envmt Med 51:375-
378 Apr '80

Development, test, and evaluation of an advanced
anti-G valve for the F-15. R. R. Burton and others.
illus tabs Aviation, Space & Envmt Med 51:504-509
May '80

GRAVITY - Continued

Dr SAM (School of Aerospace Medicine)--from the laboratory to the aircraft. illus TAC Attack 20: 23-25 Nov '80

Frank orthogonal vectorcardiograms in humans during and after exposure to +G_z acceleration stress. M. Harold Laughlin and others. illus tabs Aviation, Space & Envmt Med 51:653-660 Jul '80

G-tolerance: A case for short pilots. Maj James E. Whinnery and Sidney D. Leverett, Jr. illus Aerosp Safety 36:6-7 May '80

Human responses to repeated high G simulated aerial combat maneuvers. Russell R. Burton. illus tabs Aviation, Space & Envmt Med 51:1185-1192 Nov '80

Human tolerance to aerial combat maneuvers. Russell R. Burton and Robert M. Shaffstall. tab Aviation, Space & Envmt Med 51:641-648 Jul '80

Physiological response to hyper- and hypogravity during rollercoaster flight. R.J. von Baumgarten and others. illus tabs Aviation, Space & Envmt Med 51:145-154 Feb '80

Visual and postural motion aftereffects following parabolic flight. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 51: 230-233 Mar '80

Which way is down? CDR V.M. Voge. (Reprinted from Approach, May 1980) illus Aerosp Safety 36:16-18 Jul '80

GRAY, Alfred M., Jr

A somber picture of U.S. readiness--but a bright picture of the caliber of military personnel. MajGen Alfred Gray, Jr. Officer 56:11 Apr '80

GREAT BRITAIN

UK 1980/81 defense White Paper. illus Armada Intl 4:16-17 May-Jun '80

Foreign Policy

Britain's global re-emergence. Gregory Copley. illus Def & For Aff 8, No. 7:34-35 '80

The changed character of British foreign and security policy. Gillian Peele. Intl Sec 4:185-198 Spring '80

The influence of Neville Chamberlain on foreign and defence policy, 1932-35. David J. Wrench. tab RUSI J for Def Studies 125:49-57 Mar '80

History

FDR's "big stick." (Proposed naval quarantine of Japan, 1937) John McVickar Haight, Jr. illus US Nav Inst Proc 106:68-73 Jul '80

Foreign Relations

Britain's global re-emergence. Gregory Copley. illus Def & For Aff 8, No. 7:34-35 '80

NATO

British security concerns in the 1980's. Martin Edmonds. Intl Sec Rev 5:209-230 Summer '80

Zululand--History

The barefoot empire (Zululand). John Koster. illus Infantry 70:27-31 May-Jun '80

GREAT BRITAIN - ContinuedPolitics and Government

The changed character of British foreign and security policy. Gillian Peele. Intl Sec 4:185-198 Spring '80

Ten years of British troops in Northern Ireland. J. Brian Garrett. tabs Intl Sec 4:80-104 Winter '79/'80

GREECE

Challenges and uncertainty: NATO's southern flank. James Brown. illus AU Rev 31:3-16 May-Jun '80

The rise of the new Greece. Patrick Murphy. illus Def & For Aff 8:6-9+ Oct '80

Foreign Policy

Greek foreign policy in the 1980's: Decade for decision. Michael M. Boll. illus Parameters 10:72-81 Dec '80

The rise of the new Greece. Patrick Murphy. illus Def & For Aff 8:6-9+ Oct '80

Foreign RelationsNATO

(Greece and NATO) (Interview with Evangelos Averoff-Tositsas) Paul A. Chadwell. illus Natl Def 65:47-48 Dec '80

View from Athens--new efforts to bring Greece back into NATO's military structure. Chris G. Eliou. NATO's Fifteen Nations 25:44 Feb-Mar '80

Russia

Greek foreign policy in the 1980's: Decade for decision. Michael M. Boll. illus Parameters 10:72-81 Dec '80

Turkey

The Eastern Mediterranean's glum situation. Gen T.R. Milton, Ret. illus map AF Mag 63:56-57+ Sep '80

The rise of the new Greece. Patrick Murphy. illus Def & For Aff 8:6-9+ Oct '80

Politics and Government

Greek civil-military relations: A different pattern. James Brown. tabs Armed Forces & Soc 6:389-413 Spring '80

GREELY, Adolphus W.

When honor conflicts with duty. LtCol George M. Hall. por AU Rev 31:45-60 Sep-Oct '80

GREENLAND

Greenland and its relevance to North American security. Comdr Finn B. Sorensen. illus Nav War Col Rev 32:88-102 Nov-Dec '79

Strategic Importance

Greenland and its relevance to North American security. Comdr Finn B. Sorensen. illus Nav War Col Rev 32:88-102 Nov-Dec '79

GREENLEAF, Abbott C.

The challenge of the '80s. (Presentation, Fall Planning Conference, Air Force Section, Reserve Officers Assoc, Louisville, KY, Oct 27, 1979) LtGen Abbott C. Greenleaf. AF Plcy Ltr for Comdrs:Sup No. 1:26-34 Jan '80

GREGG, Arthur J.

Logistics as a force multiplier. LtGen Arthur J. Gregg. por Army 30:134-136 Oct '80

Readiness and strategic mobility. LtGen Arthur J. Gregg. por Mil Engr 72:410-412 Nov-Dec '80

GREGG, Noel D.

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Financial management at the executive level (area I). LtCol Noel D. Gregg. por AF Compt 14:30-31 Jan '80

GRENADES

Antitank grenades. Capt Larry A. Altersitz. illus Infantry 70:14-15 Nov-Dec '80

GRIEVANCE PROCEDURES

Federal sector grievance arbitration under the Civil Service Reform Act of 1978. Capt Carolyn R. Linsey. AF Law Rev 21, No. 2:376-389 '79

Personal problems: A 'voice in the wilderness.' TIG Brief 31:8 Dec 21 '79

The scope of bargaining under the Civil Service Reform Act of 1978. Capt Ralph J. Capio. AF Law Rev 20, No. 4:493-500 '78

GROSS NATIONAL PRODUCT

Comparisons of defence expenditures 1975-1980. International Institute for Strategic Studies. Table only. AF Mag 63:131 Dec '80

GROUND-CONTROLLED APPROACH

Pickup of visual information by the pilot during a ground control approach in a fighter aircraft simulator. J.P. Papin and others. illus tabs Aviation, Space & Envmt Med 51:463-469 May '80

Van-Guard. 2dLt Pat DelTorto. illus Air Reservist 33:7 Nov '80

GROUND CREWS

Air Force maintenance--issues and challenges for the eighties. Maj Gene E. Townsend. illus AF Mag 63:56-61 Jan '80

Who's minding the bird? Capt Michael Wetherell. illus Aerosp Safety 36:26 Jun '80

GROUND EFFECT MACHINES see Air Cushion VehiclesGROUND FORCES

Command and control in the Soviet ground forces. Col Erich Sobik. illus NATO's Fifteen Nations 24: 96-98+ Oct-Nov '79

Covering force operations. Col Robert E. Wagner. illus Armor 89:9-12 Mar-Apr '80

GROUND FORCES - Continued

Hit hard, fast and keep movin'! Steve Abbott. illus Soldiers 35:15-17 Aug '80

Operations in the enemy rear--Soviet doctrine and tactics. C.N. Donnelly. illus Intl Def Rev 13, No. 1:35-41 '80

The Soviet ground forces. Col Daniel K. Malone. illus NATO's Fifteen Nations 25:46-48+ Oct-Nov '80

Tactical training for ground combat forces. Thomas D. Scott. Armed Forces & Soc 6:215-231 Winter '80

The Yugoslav ground forces: A look at the past and the present. Milan N. Vego. illus charts map tab Mil Rev 60:14-27 Nov '80

GROUND SAFETY

See also
Seat Belts

Down to earth. Regular feature in some issues of TAC Attack

Extended driving--how far is too far? SSgt Steve Hull. illus TAC Attack 20:18-20 May '80

Lack of cycle safety a problem on bases. AF Times 40:37 Mar 3 '80

Safety specialist versus safety manager. TIG Brief 32:19 Aug 8 '80

Weapons words: Explosives safety history. John H. Kawka. TAC Attack 20:22-23 Aug '80

The weekend warrior. Beatrice Waggener. illus TAC Attack 20:12-13 Sep '80

GROUND SUPPORT see Close Air SupportGROUND-SUPPORT EQUIPMENT

See also
Airplanes, Military--Ground-Support Equipment
Missiles--Ground-Support Equipment
Space Vehicles--Ground-Support Equipment

GUARANTY see WarrantyGUERRILLA WARFARE

The conflict index. Regular feature in issues of Defense & Foreign Affairs

Rhodesia

Rhodesian bush war strategies and tactics: An assessment. Thomas Arbuckle. map RUSI J for Def Studies 124:27-33 Dec '79

GUICE, John T.

Air National Guard. por AF Mag 63:128-130 May '80

GUIDED MISSILES see MissilesGUNBOATS see WarshipsGUNNERY

Cheap, small, effective small arms AA sight. Emile Pettecks-Snyder. illus Asian Def J No. 5:137-138 Sep-Oct '80

GUNNERY - Continued

Development of fire control equipment. Capt Michael R. Matheny. illus Armor 89:40-43 Mar-Apr '80

Study and Teaching

Simfire: Tank gunnery and tactical simulation. Michael W. Wilson. illus Natl Def 64:28-31 Feb '80

GUNNERY, AERIAL

See also
Fighter Weapons and Gunnery Meets

A new twist for aerial gunnery. (Realistic aerial gunnery range) Sgt Robert Rosenburgh. illus USA Avn Dig 26:22-23 Sep '80

William Tell 1980. illus TAC Attack 20:4-6 Oct '80

Study and Teaching

Make aerial gunnery training high quality training. CW4 George H. Stokes. illus USA Avn Dig 26:20-21 Sep '80

GUNNERY RANGES see Bombing and Gunnery Ranges

GUNS

See also
Machine Guns

Army guns to fire laser-guided projectiles. illus Def Elect 12:28-29 Aug '80

The DIVAD (DIVision Air Defense) gun program--from the beginning to now. Maj Thomas A. Vereb. illus Air Def Mag, pp 26-29, Oct-Dec '80

Europe's new howitzer is on the field, and ready. David Harvey. illus Def & For Aff 8, No. 6: 14-17 '80

Fire support for combat units--a problem which had only been partially resolved. illus NATO's Fifteen Nations 25:42-43 Feb-Mar '80

Hands-off contracting. T.R. Stuelpnagel. illus Natl Def 64:58-60 Jun '80

Learning to live with the M198 howitzer. LtCol Richard H. Moore and others. illus tabs MarCor Gaz 64:53-59 Jul '80

On the firing line. Regular feature in issues of National Defense

The 120-mm tank gun and its ammunition--prospects for further performance improvements. Raimund Germershausen. illus tab Intl Def Rev 13, No. 6: 899-901 '80

Soviet 122-mm self-propelled howitzer. LtCol William P. Baxter, Ret. illus (Also cutaway) Fld Arty J 48:35-37 Jan-Feb '80

Turrets, guns and ammunition. Emile Pettecke-Snyder. illus Asian Def J No. 6:132-133+ Nov-Dec '80

Up-gunning the Marder. illus tab Intl Def Rev 13, No. 5:712-714 '80

GUNS - ContinuedHistory

The American "Schneider." LtCol Ronald E. Olson. illus Fld Arty J 48:48-49 Nov-Dec '80

Four-war workhorse (155-mm howitzer). Truman R. Strobridge and Grenville C. King. illus Natl Def pt 1, 64:42-43+ Jun '80; pt 2, 65:38-39+ Aug '80

The "Long Tom." Truman R. Strobridge. illus Fld Arty J 48:43-47 Nov-Dec '80

The roar of the 8-incher. Truman R. Strobridge and Bernard C. Nalty. illus Fld Arty J 48:30-36 Mar-Apr '80

Maintenance and Repair

ZSU-23-4 maintenance. Col V. Papko. illus Soviet Mil Rev No. 9:22-23 Sep '80

GUNSHIPS

The threat: How to fight helicopters--Soviet style. Capt Carl E. Daschke. illus USA Avn Dig 26:45-47 Jan '80

Russia

The HIP: Bus, gunship or both? Capt Carl E. Daschke. illus USA Avn Dig 26:42-44 Jul '80

The Hind myths & facts. Capt Carl E. Daschke. (Reprinted from United States Army Aviation Digest, Dec 1979) illus Air Def Mag, pp 12-14, Jan-Mar '80

Threat: Beating the Hind-D. illus USA Avn Dig 26:45-47 Nov '80

United States

AAH budget fiasco. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:28-30 Feb '80

Army's YAH-64 attack helicopter survives DOD attempt to kill it. Benjamin F. Schemmer. Armed Forces J Intl 117:24b+ Jan '80

Train to fight. (Army aviators in Europe train extensively in the area where a future war may have to be fought) LtCols Eugen H. Grayson, Jr and Glenn R. Allen. maps USA Avn Dig 26:44-47 Mar '80

GUNSIGHTS see Fire Control Equipment

GURNEY, Charles E., III

That red carpet attitude. Interview. RADM Charles E. Gurney III. por Def Mgt J 16:7-11 First Quarter '80

GUTHRIE, John R.

Army logistics challenges in the 1980's. Gen John R. Guthrie. por Log Spectrum 14:24-27 Summer '80

Building the industrial base--DARCOM and the Corps of Engineers. Gen John R. Guthrie. por Mil Eng: 72:393-396 Nov-Dec '80

(Mission of DARCOM) Interview. Gen John R. Guthrie. por Mil Elect/Countermeasures 6:19-20+ Oct '80

GUTHRIE, John R. - Continued

Not a change in mission, but a change in intensity.
Gen John R. Guthrie. por Army 30:54-58 Oct '80

GYROSCOPES

Improving aircraft navigation through shared technology. Burrell W. Hays. illus Def Mgt J 16:35-37
First Quarter '80

GYROSCOPES - Continued

10,000th GR-H4 gyroscope marks British production achievement. illus Asian Def J No. 3:106-107 May-Jun '80

Testing

An adaptation of sequential sampling techniques to reduce repair turnaround time. Fred Dalton. tabs
AF J Log 4:4-5 Spring '80

HSC see Army Health Services Command

HAIG, Alexander M., Jr

Judging SALT II. Gen Alexander M. Haig, Jr. por
Strat Rev 8:11-17 Winter '80

HAITI

History

Butler at Fort Riviere. Capt H.W. Snyder. illus map
MarCor Gaz 64:83-87 Nov '80

HALL, Charles M.

Commanders and public affairs officers. (Excerpt
from presentation, 9th Annual Public Affairs Conference
and School, Presidio of San Francisco, March 28, 1980)
LtGen Charles M. Hall. AF Plcy Ltr for Comdrs: Sup, pp 26-28, Sep '80

HANDICAPPED

CHAMPUS boosts handicapped care. AF Times 41:3
Oct 13 '80

DAV says vets get raw deal on jobs. Bob Williams.
AF Times 41:8 Sep 29 '80

DODDS (Dept of Defense Dependent Schools) must pay
for education of handicapped. Laurie Parker. AF
Times 41:14 Oct 20 '80

A very tender touch. (Volunteers, mostly from Wil-
ford Hall USAF Medical Center, run a week's
camp for handicapped children) SMSgt Dave Sheed-
er. illus Airman 24:20-26 Sep '80

HANDLING OF MATERIALS see Materials Handling

HANKS, Robert J.

The swinging debate. (General Prize Essay, 1st
Honorable Mention) RADM Robert Hanks, Ret.
por US Nav Inst Proc 106:26-31 Jun '80

HANSELL, Haywood S.

Airpower pioneers: Gen Laurence S. Kuter. MajGen
Haywood S. Hansell, Jr, Ret. por AF Mag 63:95-
97 Jun '80

General Laurence S. Kuter, 1905-1979. MajGen Hay-
wood S. Hansell, Jr, Ret. por Aerosp Hist 27:91-
94 Jun '80

The plan that defeated Hitler. MajGen Haywood S.
Hansell, Jr, Ret. AF Mag 63:106-113 Jul '80

HARBORS see Ports

HARTINGER, James V.

Aerospace Defense Center. por AF Mag 63:124
May '80

HAWAII

Hale Koa holiday. Helen Kay Ellsworth. illus map
Soldiers 35:42-44 Dec '80

HAYES, John B.

"The desperate straits we're in." ADM John B.
Hayes. por US Nav Inst Proc 106:18-20+ Oct '80

HAYES, John B. - Continued

(U.S. Coast Guard) Interview. ADM John B. Hayes.
por Mil Elect/Countermeasures 6:14+ Jan '80

Wreckage of nations that forgot the sea litters history,
ADM Hayes says (at ROA's Mid-Winter meeting).
ADM John B. Hayes. por Officer 56:11 Apr '80

HAYWARD, Thomas B.

CNO objectives enhance Reserve. ADM Thomas B.
Hayward. por Officer 56:17 Feb '80

The future of U.S. sea power. ADM Thomas B. Hay-
ward. (Reprinted from United States Naval Insti-
tute Proceedings, May 1979) Asian Def J No. 5:
124-127 Sep-Oct '80

Navy's chief (ADM Thomas B. Hayward) asks more
people \$\$. Paul Smith. AF Times 40:3 Jan 7 '80

(The U.S. Navy) Interview. ADM Thomas B. Hayward.
por Armed Forces J Intl 117:49-50+ Apr '80

Why Navy wants 50% more combat muscle. Interview.
ADM Thomas B. Hayward. Govt Exec 12:16+
Aug '80

HAZARDOUS DUTY PAY see Incentive Pay

HAZARDOUS MATERIALS see Hazardous Substances

HAZARDOUS SUBSTANCES

Are you ready for the F-16? TIG Brief 31:17
Dec 21 '79

Coping with asbestos successfully. Maj Joseph R.
Calek. illus Mil Engr 72:176-177 May-Jun '80

'Cradle to grave' control of hazardous wastes pushed.
John Cinovsky. AF Times 41:14 Sep 8 '80

Demilitarizing chemical munitions--prototype system
offers safe disposal of Army chemical agents and
munitions. illus Army Log 12:14-16 Nov-Dec '80

Disposal of munitions residue/lessons learned. TIG
Brief 32:8 Nov 28 '80

Environmental law issues. TIG Brief 32:17-18
Jul 25 '80

PCB (PolyChlorinated Biphenyls): Easily mistaken
for water. TIG Brief 32:18 Mar 21 '80

Those deadly hazardous wastes. Richard C. Kibler.
illus AF Engr & Svcs Qtr 21:30-32 Nov '80

Transportation

Mission: Transportation support to nuclear testing.
Capt Donald W. Lamb. illus map Translog 11:6-7
Apr '80

Nuclear shipments: Where's the plan? TIG Brief 32:6
May 2 '80

Safeguarding nuclear material: Transportation and
storage--a training exercise for DOE personnel
with M-16 rifles. David A. Kolman. illus Def
Trans J 36:38-40 Apr '80

Will terrorism go to sea? Merle Macbain. illus Sea
Power 23:15-24 Jan '80

HAZARDOUS SUBSTANCES - ContinuedTransportation - Cont'dLaws and Regulations

Breach of promise. (Hazardous cargo improperly prepared or certified for air shipment) Maj Alan D. York. illus MAC Flyer 27:4-6 Feb '80

Fence the bears out? Gene R. Beaver. illus Def Trans J 36:41-43 Aug '80

HEADQUARTERS AIR FORCE RESERVE

Air Force Reserve. illus tab AF Mag 63:126-127 May '80

HEALTH AND HYGIENESee also

Diseases
Mental Health
Nutrition
Physical Fitness

AFROTC Health Awareness Program (HAP). Maj Harry P. Wetzler. tab Educ J 22:43-45 AY '79/'80

Battling unseen enemies--environmental health specialists. SP5 Lana Ott. illus Soldiers 35:47-49 Aug '80

'DOC' (Doctors Ought to Care) wants to keep you healthy. Paul Smith. illus AF Times 41:39-40 Sep 29 '80

Documentation of industrial hygiene samples. TIG Brief 32:17-18 Nov 28 '80

GAO inspection finds many health hazards. AF Times 40:7 Jan 21 '80

Global travel and travelers' health. (Harry G. Armstrong Lecture) Eugene J. Gangarosa and others. tabs Aviation, Space & Envmt Med 51:265-270 Mar '80

Health services: Methods improvements. TIG Brief 32:9 May 30 '80

Industrial hygiene evaluations of workshops. TIG Brief 32:17 Jan 25 '80

Meds ban tanning devices, say they harm the skin. AF Times 41:7 Sep 22 '80

Respiratory disease most common ailment (of military people). AF Times 41:4 Oct 27 '80

Three killers. SP5 Linda D. Kozaryn. illus Soldiers 35:38-40 Oct '80

Voice your views on health care. Richard Barnard. AF Times 40:6 Jan 14 '80

HEALTH SERVICES COMMAND see Army Health Services CommandHEARINGSee also

Ears

I can't hear you. SP4 Robin Proctor. illus USA Avn Dig 26:18+ May '80

Noise-induced hearing loss and vestibular dysfunction. W. J. Oosterveld and others. tabs Aviation, Space & Envmt Med 51:823-826 Aug '80

HEARING - Continued

Wilford (Hall) clinic aids hearing problems. illus AF Times 41:35 Nov 24 '80

HEART

Blood pressure and oxygenation in different cardiovascular compartments of a normal man during postural exposures. V. E. Katkov and V. V. Chestukhin. tabs Aviation, Space & Envmt Med 51:1232-1242 Nov '80

Cardiovascular and sympathetic reactions to in-flight emergency responses among base fire fighters. Ben F. Hurley and others. tabs Aviation, Space & Envmt Med 51:788-792 Aug '80

Cardiovascular responses of man exposed to +Gz accelerations in a centrifuge. B. Vettes and others. illus tabs Aviation, Space & Envmt Med 51:375-378 Apr '80

Central circulation and metabolism of the healthy man during postural exposures and arm exercise in the head-down position. O. G. Gzenko and others. illus tabs Aviation, Space & Envmt Med 51:113-120 Feb '80

Coincident loss of consciousness and ventricular tachycardia during +Gz stress. James E. Whinnery and others. illus tab Aviation, Space & Envmt Med 51:827-831 Aug '80

A comparison between freon and acetylene rebreathing for measuring cardiac output. Flemming Bonde-Petersen and others. illus tabs Aviation, Space & Envmt Med 51:1214-1221 Nov '80

Coronary bypass in an airline pilot. Antoine Saint-Pierre. illus tab Aviation, Space & Envmt Med 51:1150-1152 Oct '80

Detection of coronary artery disease in asymptomatic aircrew members with thallium-201 scintigraphy. Gregory S. Uhl and others. tab Aviation, Space & Envmt Med 51:1250-1255 Nov '80

Effects of ozone on symptoms and cardiopulmonary function in a flight attendant surrogate population. Michael T. Lategola and others. illus tabs Aviation, Space & Envmt Med 51:237-246 Mar '80

Frank orthogonal vectorcardiograms in humans during and after exposure to +Gz acceleration stress. M. Harold Laughlin and others. illus tabs Aviation, Space & Envmt Med 51:653-660 Jul '80

Heading off heart attack. SP5 Lana Ott. illus Soldiers 35:37-41 Feb '80

Heart scan eases disease detection. AF Times 40:49 Jun 16 '80

Hemodynamic effects of extreme positive pressure breathing using a two-pressure flying suit. U. I. Balldin and B. Wranne. illus tabs Aviation, Space & Envmt Med 51:851-855 Sep '80

Human tolerance to aerial combat maneuvers. Russell R. Burton and Robert M. Shaffstall. tab Aviation, Space & Envmt Med 51:641-648 Jul '80

Hypertension screening/annual dental examination. TIG Brief 32:15 Feb 8 '80

HEART - Continued

Incidence of complications from coronary angiography in 463 USAF aviators. Mary M. Thomas and others. tabs Aviation, Space & Envmt Med 51:930-936 Sep '80

Mitral valve prolapse--a review. Peter J. Engel and James R. Hickman, Jr. illus tabs Aviation, Space & Envmt Med 51:273-286 Mar '80

Prevalence of coronary heart disease risk factors in a young military population. John F. Patton and James A. Vogel. tabs Aviation, Space & Envmt Med 51:510-514 May '80

The prolapsed mitral valve syndrome and the flyer. Russell B. Rayman. Aviation, Space & Envmt Med 51:287-289 Mar '80

Pulmonary and symptom threshold effects of ozone in airline passenger and cockpit crew surrogates. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 51:878-884 Sep '80

Radionuclide perfusion images before and after cardiac rehabilitation. Edwin Atwood and others. illus tabs Aviation, Space & Envmt Med 51:892-898 Sep '80

Serum cholesterol levels in selected Air Force cadets compared with levels in the West Point study. Dale A. Clark and others. tabs Aviation, Space & Envmt Med 51:6-10 Jan '80

Suspected coronary artery disease among military aviation personnel. William Buckendorf and others. tabs Aviation, Space & Envmt Med 51:1153-1158 Oct '80

A will and a way. (Katy King, wife of AF TSgt Bob King, receives a heart transplant) SSgt Lorenzo D. Harris. illus Airman 24:41-44 Aug '80

HEAT

See also
Temperature

Effects of a postexercise sauna bath on ECG pattern and other physiologic variables. Albert M. Paolone and others. tabs Aviation, Space & Envmt Med 51:224-229 Mar '80

The heat from within the earth. Richard M. Steede and Capt Don-Michael Bradford. illus map AF Engrg & Svcs Qtr 21:23-27 Nov '80

Hot water at less than half the cost. Capt John L. Heiser. illus AF Engrg & Svcs Qtr 21:32-33 Feb '80

Physiological Effects

Accidental hypothermia: The effect of initial body temperatures and physique on the rate of rewarming. J.B. Morrison and others. tabs Aviation, Space & Envmt Med 51:1095-1099 Oct '80

The deadly heat: How to avoid the killer that takes some 300 lives each year. Steve Sternberg and Joe McCain. illus AF Times 41:39 Sep 8 '80

Effect of induced cyclic changes of deep body temperature on performance in a flight simulator. T.M. Gibson and others. illus tabs Aviation, Space & Envmt Med 51:356-360 Apr '80

HEAT - ContinuedPhysiological Effects - Cont'd

Fluid-electrolyte shifts and thermoregulation: Rest and work in heat with head cooling. J.E. Greenleaf and others. illus tabs Aviation, Space & Envmt Med 51:747-753 Aug '80

Heat got ya'? illus TAC Attack 20:20 Jul '80

Heat stress exposure of aerial spray pilots. Bruce Gribetz and others. tabs Aviation, Space & Envmt Med 51:56-60 Jan '80

Physiological responses of men and women to prolonged dry heat exposure. B.A. Avellini and others. tabs Aviation, Space & Envmt Med 51:1081-1085 Oct '80

Summer operations--no sweat? Don't bet. WgComdr Peter S. Wilkins. illus TAC Attack 20:18-19 Jul '80

Thermal stress. illus Aerosp Safety 36:27 Aug '80

HÉBERT, F. Edward

"Eddie" Hébert, a Congressman whose style left no doubt where he stood on U.S. security issues. por obit Natl Guard 34:36 Jan-Feb '80

F. Edward Hébert, once a power on Hill, dies at 78. obit AF Times 40:42 Jan 14 '80

HECKER, Guy L., Jr

The M-X: Critical need for the United States. (Presentation, Orange County World Affairs Council, Santa Ana, CA, April 9, 1980) BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup, pp 9-15, Jun '80

HELICOPTER INDUSTRY AND TRADE

Agusta A 109 helicopter. Giorgio Apostolo. illus tab Aerosp Intl 16:27-30 Nov-Dec '80

Helicopter operations in the Alps. Marc Grangier. illus Interavia 35:55-57 Jan '80

The world's military helicopter fleet. Table only. Interavia 35:621-626 Jul '80

Exhibitions

HAA (Helicopter Assoc of America) Show report (Las Vegas, NV, Feb 10-13, 1979): Helicopter industry enters new growth phase. illus Interavia 35:375-377 Apr '80

32d HAA Exposition: Into the 80s. Ron Sherman and Frank G. McGuire. illus Aerosp Intl 16:20-21 May-Jun '80

France

Aérospatiale updates its range for the 1980s: Three new twin-turbine helicopters introduced. Marc Grangier. illus tab Interavia 35:246-250 Mar '80

Great Britain

Commercial Chinook on the North Sea. Paul Maurice. illus tab map Interavia 35:600-602 Jul '80

HELICOPTER INDUSTRY AND TRADE - ContinuedRussia

Soviets now produce over 15 Hind attack helicopters every month. Benjamin F. Schemmer. illus Armed Forces J Intl 117:24a+ Jan '80

United States

Helicopters vs government; looking for a place to land. (Interview with Gerald J. Tobias) Govt Exec 12:32-33 Jun '80

Heliflight Systems Inc--total helicopter support. Marc Grangier. illus Interavia 35:542-543 Jun '80

Hughes Defender II--the armed scout. illus Interavia 35:1066-1067 Nov '80

Hughes updates its 500 MD. Paul A. Turk. illus Aerosp Intl 16:30-31 May-Jun '80

Soviets now produce over 15 Hind attack helicopters every month. Benjamin F. Schemmer. illus Armed Forces J Intl 117:24a+ Jan '80

HELICOPTER TYPE

Only U. S. military helicopters are entered under type. For helicopters of other countries see entries under specific categories, e. g., Helicopters, Military--Great Britain.

AH-1

AAH budget fiasco. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:28-30 Feb '80

AH-1 model configuration. LtCol Floyd Eberhard. illus USA Avn Dig 26:24-25 Jun '80

AH-1FS: One step closer to reality. CW2 Ronald E. Burgess. USA Avn Dig 26:19-21 Oct '80

New punch with TOW Cobra. Capt C.B. Stoops. illus tab MarCor Gaz 64:21-24 Dec '80

Utah Cobras. Maj Reece Stein and SSgt Tom Wharton. illus Natl Guard 34:26-28 Apr '80

Maintenance and Repair

Cobra weapons repair. illus USA Avn Dig 26:19 Aug '80

Black Hawk

See UH-60

CH-3Testing

Sea Harrier status report. Paul Maurice. illus Intl Def Rev 13, No.6:865-866 '80

CH-47

Aerial displacement of tube artillery. 1stLt Terry G. Stewart. illus tabs Fld Arty J 48:22-27 Nov-Dec '80

Army's "new" medium lift helicopter (CH-47D). illus Mil Rev 60:83 Mar '80

Operation Northern Leap: The flight. Capt Stephen H. Gilbertson. illus map tab USA Avn Dig 26:6-10 Mar '80

HELICOPTER TYPE - ContinuedCH-47 - Cont'd

Operation Northern Leap: 20/20 hindsight. (Self-deploying CH-47s to Europe) Maj Richard Heehn. illus USA Avn Dig 26:2-5 Mar '80

Splash down. (Water operations training) Sgt1C Ron Freeman. illus USA Avn Dig 26:45-47 Apr '80

CH-53

'Super Stallions' are on the way. illus MarCor Gaz 64:8 Nov '80

Chinook

See CH-47

Cobra

See AH-1

H-3

Rescue reversal. illus MAC Flyer 27:14-15 Jul '80

Unknown quantity (helicopter sling missions). Maj Alan D. York. illus MAC Flyer 27:19-21 Aug '80

HH-53

Sikorsky H-53 used in Iran rescue try. Jay Miller. illus AF Times 40:44 May 19 '80

Hueycobra

See AH-1

Iroquois

See UH-1

Kiowa

See OH-58

LAMPS

See SH-2; SH-60

Nighthawk

See UH-1

OH-58

Down & out. illus Aerosp Safety 36:11-13 Dec '80

Pave Low

See HH-53

RH-53

The art of helicopter maintenance. R. James Woolsey. illus Armed Forces J Intl 117:25 Jun '80

Navy likely to renew last year's unsuccessful bid for 46 new MH-53Es. Benjamin F. Schemmer. Armed Forces J Intl 117:16+ Jun '80

SH-2

SH-2F LAMPS weapon system trainer: The tactical wave of the future. LT George Galdorisi. US Nav Inst Proc 106:129-131 Mar '80

SH-60

ASW programs move ahead with first Seahawk flight--Orion also passes major milestone. James D. Hessman. illus Sea Power 23:13 Jan '80

HELICOPTER TYPE - ContinuedSH-60 - Cont'd

LAMPS program makes every ship an aircraft carrier. Col Warren P. Baker, Ret. illus Sea Power 23:21-22+ Jul '80

LAMPS: The ship system with wings. RADM Raymond N. Winkel and Dan Manningham. illus US Nav Inst Proc 106:114-117 Mar '80

See H-3 Sea King

See AH-1 Seacobra

See SH-60 Seahawk

See CH-53 Seastallion

UH-1

The Black Hawk & the Huey partners in total support. Maj Leon L. Bennett. illus USA Avn Dig 26:16-17 May '80

Do you remember the saying, "What you see is what you get"? Ronald R. Simmons. illus USA Avn Dig 26:21-23 Jul '80

"Grandma," the Vietnam veteran, flies again. Lt David Vogels. illus USA Avn Dig 26:20-21 Jan '80

"The real thing." (UH-1 flight simulator) Ronald R. Simmons. illus tab USA Avn Dig 26:16-18 Oct '80

So a nice girl like you wants to drive a Huey. Capt Deborah K. Gilbert. illus USA Avn Dig 26:15-17 Jul '80

UH-60

The Black Hawk & the Huey partners in total support. Maj Leon L. Bennett. illus USA Avn Dig 26:16-17 May '80

The Infantryman's helicopter in the 1980's. MajGen David E. Grange, Jr. illus USA Avn Dig 26:2-3 Apr '80

Presidential/congressional inaction leaves Pentagon budget in disarray. Deborah M. Kyle and Benjamin F. Schemmer. tab Armed Forces J Intl 118:11-12 Nov '80

Some operational aspects of the UH-60A Black Hawk. Charles Gilson. illus Intl Def Rev 13, No. 7: 1067-1074 '80

Testing

Blackhawk test pilots. illus Translog 11:4-5 Apr '80

YAH-64

AAH budget fiasco. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:28-30 Feb '80

Army's YAH-64 attack helicopter survives DOD attempt to kill it. Benjamin F. Schemmer. Armed Forces J Intl 117:24b+ Jan '80

Changes to the Advanced Attack Helicopter (YAH-64). illus Mil Rev 60:81 Jun '80

HELICOPTERS

The helicopter boom is here. Mark Lambert. illus Interavia 35:594-595 Jul '80

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Characteristics

Bell's super transport for the eighties. illus tab Asian Def J No. 3:134+ May-Jun '80

Control

See Flight Control Systems

Design

Bell's super transport for the eighties. illus tab Asian Def J No. 3:134+ May-Jun '80

Electronic Equipment

See Electronic Equipment (Aircraft)

Engines

Turbine engines for helicopter. Andrea Artoni. illus Aerosp Intl 16:52-55 Mar-Apr '80

Exhibitions

HAA (Helicopter Assoc of America) Show report (Las Vegas, NV, Feb 10-13, 1979): Helicopter industry enters new growth phase. illus Interavia 35:375-377 Apr '80

32d HAA Exposition: Into the 80s. Ron Sherman and Frank G. McGuire. illus Aerosp Intl 16:20-21 May-Jun '80

InspectionSee also

Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and Takeoff

Helicopter's Mr In-Between. Dan Manningham. (Reprinted from Business and Commercial Aviation, January 1979) illus MAC Flyer 27:20-22 Jul '80

Lighting

A comparison of underwater helicopter-escape lights. S. M. Luria and others. illus tabs Aviation, Space & Envmt Med 51:674-679 Jul '80

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Power PlantsSee also

Helicopters--Engines

RefuelingSee also

In-Flight Refueling

HELICOPTERS - ContinuedSafety MeasuresSee also

Flying Safety

Speed

Helicopters breaking the 200 kn barrier: Three systems could do it this decade. Mark Lambert. illus tabs Interavia 35:839-843 Sep '80

Stability

Helicopter's Mr In-Between. Dan Manningham. (Reprinted from Business and Commercial Aviation, January 1979) illus MAC Flyer 27:20-22 Jul '80

Takeoff

See Helicopters--Landing and Takeoff

France

Aérospatiale updates its range for the 1980s: Three new twin-turbine helicopters introduced. Marc Grangier. illus tab Interavia 35:246-250 Mar '80

Italy

Agusta A 109 helicopter. Giorgio Apostolo. illus tab Aerosp Intl 16:27-30 Nov-Dec '80

Mexico

La Comisión Federal de Electricidad de México: Helicopters bringing progress to high altitudes. Marc Grangier. illus Interavia 35:358-359 Apr '80

RussiaHistory

Helicopters. Lt-Col Yu. Malakhov. illus Soviet Mil Rev No.9:24-26 Sep '80

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, LOCAL SERVICE

Commercial Chinook on the North Sea. Paul Maurice. illus tab map Interavia 35:600-602 Jul '80

Norway: Maritime aviation booming. Knut Lovstuhagen. illus Interavia 35:150-151 Feb '80

HELICOPTERS, MILITARY

See also entries on U. S. military helicopters by model designation under the specific type, e.g., Helicopter Type--AH-1

Air forces of Asia. Pushpinder Singh. illus tabs Asian Def J No.3:34-36+ May-Jun '80

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Oct-Nov '80

Antihelicopter operations. Maj Frank E. Babiasz and Capt Carl E. Daschke. illus USA Avn Dig 26:24-27 May '80

Combat support rotorwings. Andrea Antoni. illus Aerosp Intl 16:24+ May-Jun '80

HELICOPTERS, MILITARY - Continued

Helicopter notes. Regular feature in some issues of National Defense

Helicopters in urban combat, an unanswered question. Capt Adolf Carlson. illus USA Avn Dig 26:8-15 May '80

Military helicopters for the next decade. Marc Grangier. illus Interavia 35:619-620 Jul '80

The threat: How to fight helicopters--Soviet style. Capt Carl E. Daschke. illus USA Avn Dig 26:45-47 Jan '80

The world's military helicopter fleet. Table only. Interavia 35:621-626 Jul '80

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

DFWES (Direct Fire Weapons Effects Simulation)--a new heliborne anti-tank simulation system. illus Intl Def Rev 13, No.2:257-258 '80

Helicopters for the Central Front. Mark Hewish. illus chart Intl Def Rev pt 1, 13, No.3:400-406 '80

Hughes Defender II--the armed scout. illus Interavia 35:1066-1067 Nov '80

Our team in Spain. (A USAF mobile training team sent to train Spanish Army helicopter crews to use the XM-93 minigun) Maj John J. Moscatelli and SSgt Bill Welch. illus map Airman 24:36-38 Nov '80

Blades

Tail rotor breakaway. Capt M.J.T. Hewetson. USA Avn Dig 26:40-42 Jun '80; Aerosp Safety 36:7-9 Oct '80

Characteristics

Bell's super transport for the eighties. illus tab Asian Def J No.3:134+ May-Jun '80

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 63:130-131 Mar '80

Gallery of USAF weapons: Helicopters. illus AF Mag 63:145 May '80

Combat Evaluation

HASTE (Helicopter Assault Survivability in a Threat Environment)--helicopter survivability. Maj Arthur L. Greaney. illus USA Avn Dig 26:4-5 Apr '80

Helicopter maturity--the low, slow, new war in the air. illus Def & For Aff 8, No.5:30-31+ '80

Control

See Flight Control Systems

Design

Bell's super transport for the eighties. illus tab Asian Def J No.3:134+ May-Jun '80

Electronic Equipment

See Electronic Equipment (Aircraft)

HELICOPTERS, MILITARY - ContinuedEmergency Procedures

Crew confusion: Helicopter mishap with a moral.
Aerosp Safety 36:26-27 Jul '80

It can happen to you. Capt George Kerrigan. illus
MAC Flyer 27:12-13 Jun '80

Some operational aspects of the UH-60A Black Hawk.
Charles Gilson. illus Intl Def Rev 13, No.7:
1067-1074 '80

When the chips are down ... illus MAC Flyer 27:
22-23 Dec '80

Will you be ready? illus USA Avn Dig 26:28-29 Jan '80

Engines

See also
Gas Turbines (Aircraft)

Fortunes of DOD's two aircraft engine giants about to
be reversed. Benjamin F.Schemmer. tab Armed
Forces J Intl 117:18+ May '80

Fires and Fire Prevention

Improved helicopter firefighting: The view from the
deck. LT Carl Burch. illus US Nav Inst Proc 106:
98-99 Jun '80

Ice Prevention

Helicopter ice encounters. CW4 Thomas W. Witten.
illus USA Avn Dig 26:16-17 Feb '80

Helicopter in-flight icing. Arthur J.Negrette. (Re-
printed from Aerospace Safety, March 1977) illus
Aerosp Safety 36:18-20 Feb '80

Rescue reversal. illus MAC Flyer 27:14-15 Jul '80

Inspection

See also
Preflight Inspections

Instruments
See Aeronautical Instruments

Interception

Intercepting low-speed targets. Lt-Col G.Dovgal-
yonok. illus Soviet Mil Rev No.7:21-23 Jul '80

Landing and Takeoff

Crew confusion: Helicopter mishap with a moral.
Aerosp Safety 36:26-27 Jul '80

Down & out. illus Aerosp Safety 36:11-13 Dec '80

A good new idea. CAPT Gerald G.O'Rourke, Ret.
illus US Nav Inst Proc 106:42-47 Mar '80

Navy completes first flight tests on Arapaho--sea
trials scheduled 'later this year.' James J.Mul-
quin. illus Sea Power 23:31-33 Nov '80

Phase II for Arapaho. James D.Hessman. illus Sea
Power 23:38 Aug '80

HELICOPTERS, MILITARY - ContinuedLanding and Takeoff - Cont'd

Whiteout: A rotary-wing winter menace. LtCol Rob-
ert L.Gardner. illus Aerosp Safety 36:8-11 Jan '80

Lift Capability

Unknown quantity (helicopter sling missions). Maj
Alan D.York. illus MAC Flyer 27:19-21 Aug '80

Lighting

Red lights can mean trouble. Silas G.Garrett. illus
tabs USA Avn Dig 26:41-43 Sep '80

Maintenance and Repair

See Aircraft Maintenance and subdivision Main-
tenance and Repair under specific Helicopter Types

Manufacture

See Helicopter Industry and Trade

Modifications

Changes to the Advanced Attack Helicopter (YAH-64).
illus Mil Rev 60:81 Jun '80

Hughes Defender II--the armed scout. illus Interavia
35:1066-1067 Nov '80

Mothballing

See Helicopters, Military--Storage

Performance

Army hurt by aviator shortage, but encouraged by
success of new aircraft. Benjamin F.Schemmer.
illus Armed Forces J Intl 117:38+ May '80

Helicopters for the Central Front. Mark Hewish.
illus chart Intl Def Rev pt 1, 13, No.3:400-406 '80

Some operational aspects of the UH-60A Black Hawk.
Charles Gilson. illus Intl Def Rev 13, No.7:
1067-1074 '80

Piloting

Down 'n dirty. Ronald R.Simmons and Joan Black-
well. illus tab USA Avn Dig 26:38-40 Nov '80

It can happen to you. Capt George Kerrigan. illus
MAC Flyer 27:12-13 Jun '80

Keep that tail up! illus USA Avn Dig 26:24-26 Jan '80

Some operational aspects of the UH-60A Black Hawk.
Charles Gilson. illus Intl Def Rev 13, No.7:
1067-1074 '80

Study and Teaching

The greening of the blue. (AF helicopter pilot trainees
at Fort Rucker, AL) Sgt Craig Pugh. illus Airman
24:2-6 May '80

Power Plants

See also
Helicopters, Military--Engines

Refueling

See also
In-Flight Refueling

HELICOPTERS, MILITARY - ContinuedSafety MeasuresSee also

Flying Safety

Coming soon: Wire strike protection for helicopters.
LeRoy T. Burrows. illus USA Avn Dig 26:36-39
Sep '80

Down & out. illus Aerosp Safety 36:11-13 Dec '80

It can happen to you. Capt George Kerrigan. illus
MAC Flyer 27:12-13 Jun '80

When the chips are down ... illus MAC Flyer 27:
22-23 Dec '80

Whiteout: A rotary-wing winter menace. LtCol Robert L. Gardner. illus Aerosp Safety 36:8-11 Jan '80

Storage

MTMCTEA (MTMC Transportation Engineering Agency) helicopter positioning device. illus Translog
11:15-16 Nov '80

Tails

Keep that tail up! illus USA Avn Dig 26:24-26 Jan '80

Tail rotor breakaway. Capt M.J.T. Hewetson. USA
Avn Dig 26:40-42 Jun '80; Aerosp Safety 36:7-9
Oct '80

Takeoff

See Helicopters, Military--Landing and Takeoff

Testing

DFWES (Direct Fire Weapons Effects Simulation)--a
new airborne anti-tank simulation system. illus
Intl Def Rev 13, No.2:257-258 '80

France

The anti-tank helicopter--France asks what next?
Mark Lambert. illus Interavia 35:844-846 Sep '80

Great Britain

HC Mk 1: New Chinook helicopter for the RAF. Douglas W. Nelms. illus RUSI J for Def Studies 125:65-69 Jun '80

NATO

The helicopter: Air or ground weapon? LtCol David Miller. illus NATO's Fifteen Nations Special Issue
No. 1:141-142 '80

Helicopters for the Central Front. Mark Hewish.
illus chart Intl Def Rev pt 1, 13, No.3:400-406 '80

Russia

The competition: (Soviet) MI-6 "Hook." illus MAC
Flyer 27:16-17 Feb '80

Gallery of Soviet aerospace weapons: Helicopters.
illus AF Mag 63:130-131 Mar '80

The HIP: Bus, gunship or both? Capt Carl E. Daschke.
illus USA Avn Dig 26:42-44 Jul '80

The Hind myths & facts. Capt Carl E. Daschke. (Reprinted from United States Army Aviation Digest,
Dec 1979) illus Air Def Mag, pp 12-14, Jan-Mar '80

HELICOPTERS, MILITARY - ContinuedRussia - Cont'd

Soviet aircraft--the Mi-24 Hind. Capt Michael H. Boyce. MarCor Gaz 64:22-23+ May '80

Soviets now produce over 15 Hind attack helicopters every month. Benjamin F. Schemmer. illus
Armed Forces J Intl 117:24a+ Jan '80

Threat: Beating the Hind-D. illus USA Avn Dig 26:45-47 Nov '80

United States

Attack helicopter support of the division. Capt Terry R. Council. illus Air Def Mag, pp 16-18, Oct-Dec '80

Future armored vehicles: Flying tanks. Col R.R. Battreall, Ret and Maj Joe L. Riggins. illus tabs
Armor 89:56-59 Jul-Aug '80

Gallery of USAF weapons: Helicopters. illus AF Mag
63:145 May '80

Hughes Defender II--the armed scout. illus Interavia
35:1066-1067 Nov '80

Hughes updates its 500 MD. Paul A. Turk. illus
Aerosp Intl 16:30-31 May-Jun '80

Lethal against armor: The Joint Air Attack Team.
William P. Schlitz. illus AF Mag 63:44-50+ Sep '80

Navy likely to renew last year's unsuccessful bid for 46 new MH-53Es. Benjamin F. Schemmer. Armed
Forces J Intl 117:16+ Jun '80

The "X" Wing and the circulation control rotor. LtCol William D. Siuru, Jr. illus US Nav Inst Proc 106:
115-116 Jul '80

HELICOPTERS, TRAINERUnited States

SH-2F LAMPS weapon system trainer: The tactical wave of the future. LT George Galdorisi. US Nav
Inst Proc 106:129-131 Mar '80

HELICOPTERS, TRANSPORT

Bell's super transport for the eighties. illus tab
Asian Def J No.3:134+ May-Jun '80

Helicopter operations in the Alps. Marc Grangier.
illus Interavia 35:55-57 Jan '80

Great Britain

Commercial Chinook on the North Sea. Paul Maurice.
illus tab map Interavia 35:600-602 Jul '80

Norway

Flying the offshore oil rigs: Petroleum Helicopters Inc and Helikopter Service A/S. Marc Grangier.
illus Interavia 35:596-599 Jul '80

United States

Flying the offshore oil rigs: Petroleum Helicopters Inc and Helikopter Service A/S. Marc Grangier.
illus Interavia 35:596-599 Jul '80

HELICOPTERS, TRANSPORT - ContinuedUnited States - Cont'd

Helicopters vs government; looking for a place to land. (Interview with Gerald J. Tobias) Govt Exec 12:32-33 Jun '80

HELICOPTERS IN BUSINESS

Helicopters vs government; looking for a place to land. (Interview with Gerald J. Tobias) Govt Exec 12:32-33 Jun '80

HELICOPTERS IN FIRE FIGHTING

The MGM Grand Hotel burns while AF saves victims. illus AF Times 41:23 Dec 8 '80

HELICOPTERS IN MEDICAL SERVICESee also

MAST (Military Assistance to Safety and Traffic)

Cheating death (at William Beaumont Medical Center's Trauma Center, El Paso, TX). SP5 Lana Ott. illus Soldiers 35:10-12 Nov '80

Helicopter 'ambulances'--a developing market. Marc Grangier. illus Interavia 35:436-437 May '80

HELICOPTERS IN PATROL WORK

HMS Invincible accepted into the Royal Navy. Col Norman L. Dodd. illus Asian Def J No. 3:130-131 May-Jun '80

Helicopter reconnaissance. MajGen M. Belov. Soviet Mil Rev No. 2:29-31 Feb '80

Norway: Maritime aviation booming. Knut Lovstuhagen. illus Interavia 35:150-151 Feb '80

Sea Searcher contract. illus Asian Def J No. 3:132-133 May-Jun '80

HELICOPTERS IN RESCUE WORKSee also

MAST (Military Assistance to Safety and Traffic)

Combat survival: Key to rescue. SMSgt Gerald H. Smith. illus Air Reservist 32:13+ Apr '80

Deep sea rescue. Maj Richard Weissbard and John Sullivan, Jr. illus Air Reservist 32:18-19 Apr '80

Flight in the twilight zone. (Disaster relief operations at Mount St Helens) CW3 Russell D. Capps. illus USA Avn Dig 26:29-33 Sep '80

The MGM Grand Hotel burns while AF saves victims. illus AF Times 41:23 Dec 8 '80

Norway: Maritime aviation booming. Knut Lovstuhagen. illus Interavia 35:150-151 Feb '80

Operation Snow Blow. Capt Alexander M. Lindsay. illus USA Avn Dig 26:42-44 Jan '80

Search and rescue in Southeast Asia, 1961-1975. Capt Earl H. Tilford, Jr. illus AU Rev 31:60-74 Jan-Feb '80

The season to be helpful: The Guard pitches in! (1979 winter storms in Colorado and Wyoming) illus Natl Guard 34:6-9 Jan-Feb '80

HELICOPTERS IN RESCUE WORK - Continued

UK civil maritime air operations. Derek Wood. illus map Interavia 35:152-154 Feb '80

U.S. raiders killed 100-200 Chinese troops in 1970 North Vietnam foray. Benjamin F. Schemmer. illus Armed Forces J Intl 117:32b-34 Jan '80

HELICOPTERS IN SCIENTIFIC RESEARCH

The Three-Mile mission. (AF helicopters from Andrews AFB, MD, provide transportation for officials monitoring escaping radiation at Three-Mile Island) Airman 24:43 May '80

HELIPORTS

Helicopters vs government; looking for a place to land. (Interview with Gerald J. Tobias) Govt Exec 12:32-33 Jun '80

HELMETS

CD man revisited. Col Richard Pilmer and MSgt Christopher R. Yancey. illus TAC Attack 20:4-7 Jan '80

How's your helmet? TSgt William T. Smith. illus TAC Attack 20:27-28 Apr '80

Statistics grim on bike helmets. AF Times 41:34 Aug 11 '80

HENRY, Richard C.

Making use of space hardware. (Presentation, Beverly Hills Rotary Club, Beverly Hills, CA, Aug 18, 1980) LtGen Richard C. Henry. AF Plcy Ltr for Comdrs: Sup, pp 28-32, Oct '80

Military space communications systems--has technology outpaced the user? LtGen Richard C. Henry. por NATO's Fifteen Nations 24:18+ Dec '79-Jan '80

Old problems, new solutions surfacing in space programs. Interview. LtGen Richard C. Henry. por Def Elect 12:55-58 Dec '80

Space systems communications. (Address, Keynote Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) LtGen Richard C. Henry. por Signal 34:29-31 Feb '80

HERMANN, Robert J.

Air Force research and development programs. (Presentation, Subcommittee on Research and Development, House Armed Services Committee, Washington, March 4, 1980) Robert J. Hermann. AF Plcy Ltr for Comdrs: Sup, pp 28-33, Jun '80

Electronics in warfare: A look ahead. Robert J. Hermann. por AF Mag 63:76-80 Jul '80

Salute to space division. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Robert J. Hermann. AF Plcy Ltr for Comdrs: Sup, pp 13-15, Nov '80

HERRES, Robert T.

Air Force Communications Command. por AF Mag 63:68-69 May '80

HIDALGO, Edward

Navy: Can the deeds match the words? Interview.
Edward Hidalgo. por Govt Exec 12:12+ Jan '80

HIGHWAYS see Roads

HIJACKING OF AIRCRAFT see Airplane Hijacking

HILL, James A.

Reflections on a career. (Presentation, Andrews
AFB, MD, Feb 29, 1980) Gen James A. Hill. AF
Plcy Ltr for Comdrs: Sup, pp 29-31, May '80

HISTORY

See also
Military History
also subdivision History under specific subjects

HOLCOMB, M. Staser

Planning for the Navy of the 1980s. VADM M. Staser
Holcomb. por US Nav Inst Proc 106:40-45 Sep '80

HOLLEY, I. B., Jr

The Battle of Marathon, or what's a 2500-year-old
battle got to do with me? MajGen I. B. Holley, Jr.
AU Rev 31:46-50 Jul-Aug '80

British and German air doctrine between the wars.
Williamson Murray. illus AU Rev 31:39-58 Mar-
Apr '80; Comments. MajGen I. B. Holley, Jr and
GpCapt Ian Madelin. 32:99-101 Nov-Dec '80

HOLLINGSWORTH, James F.

The light armored corps--a strategic necessity.
LtGen James F. Hollingsworth, Ret and MajGen
Allan T. Wood, Ret. Armed Forces J Intl 117:
20-22+ Jan '80

HOLLOWAY, James L., Jr

A gentlemen's agreement. ADM James L. Holloway,
Jr, Ret and Jack Sweetman. por US Nav Inst Proc
106:71-77 Sep '80

HOLLOWAY, James L., III

Naval Aviation flies into the future. ADM James L.
Holloway III. por Sea Power 23:17-20 Jul '80

The quality of military advice. ADM James L. Holloway
III, Ret. AEI For Plcy & Def Rev 2, No. 1:
24-36 '80

HOME LOANS see Loans, Home

HOMOSEXUALS see Sex

HONORS see Awards, Decorations, etc

HOSMER, Craig

What if the "what if" syndrome were reversed? The
nuclear road to energy independence. Craig Hos-
mer. por Sea Power 23:31-37 Aug '80

HOSPITALSAir Force--U. S.

Internal inspections: Ideas for the functional manager.
TIG Brief 32:15-16 Oct 31 '80

HOSPITALS - ContinuedAir Force--U. S. - Cont'd

Med centers list specialties. AF Times 40:5+
Jan 7 '80

Reserve medics keep Offutt (AFB, NE) hospital
ticking. AF Times 40:10 Feb 4 '80

Armed Forces--U. S.

DOD statistics: Pregnancy most common reason for
hospitalization. AF Times 41:4 Nov 10 '80

GAO faults DOD on plans to handle war casualties.
AF Times 41:4 Jul 28 '80

Pending OMB rule could block building of VA, mili-
tary hospitals. AF Times 41:52 Oct 27 '80

Army--U. S.

Family practice. Helen Kay Ellsworth. illus Soldiers
35:45-47 May '80

United States

Civilian hospitals eyed for war use. AF Times 40:12
Jun 16 '80

Civilian response good to wartime hospital plan
(Civilian-Military Contingency Hospital System).
AF Times 41:16 Nov 17 '80

GAO faults DOD on plans to handle war casualties.
AF Times 41:4 Jul 28 '80

The medical connection: Trauma center (Maryland
Institute for Emergency Medicine Service) posses-
ses skilled Guardsmen. illus Natl Guard 34:8-10
Aug '80

Pending OMB rule could block building of VA, mili-
tary hospitals. AF Times 41:52 Oct 27 '80

(Sen) Percy hits failure of VA, DOD to share med
units. illus AF Times 41:14 Aug 18 '80

HOTELS AND MOTELS

AAFES to 'pay' Hale Koa. AF Times 40:6 Jan 21 '80

Hale Koa holiday. Helen Kay Ellsworth. illus map
Soldiers 35:42-44 Dec '80

Navy takes over Tokyo hotel operation--to be used by
all Services. AF Times 41:30 Nov 3 '80

HOURS OF LABOR

Job sharing: Military wives find a new approach to
part-time work. Anna L. Conroy. illus AF Times,
Times Magazine sup:54-56 Sep 1 '80

TDY can cause strain. illus AF Times 41:10 Nov 3 '80

The unique hardships of sea duty. CAPT Thomas M.
Hale and Linda D. Pappas. illus tabs US Nav Inst
Proc 106:67-73 Nov '80

HOUSEHOLD EFFECTS

The ABCs of PCSing. SgtMaj Bruce Bant. illus Sol-
diers 35:31-34 May '80

Criticism of movers ignored, GAO says. AF Times
41:16 Nov 10 '80

HOUSEHOLD EFFECTS - Continued

Do it yourself. SP5 Denise E. Dudley. illus tab
Soldiers 35:36-38 Apr '80

Do-it-yourself--the best move we ever made.
W. Beirne Keefer. illus AF Times, Times Magazine
sup:42-44+ Jun 2 '80

Education, transportation, and the three "Rs." Bob
Waldman. illus Translog 11:6-8 Mar '80

HHG: Emphasis on cost faulted (by Sen Harrison
Schmitt). Len Famiglietti. AF Times 41:3
Oct 27 '80

Hawaii: Sun, sand, and MTMC-FOP (Field Office
Pacific). Col John W. Perry, Jr. Translog 11:1-2
Oct '80

Household goods carrier "tells it like it is." Rolly A.
Cailles. Translog 11:5-6 May '80

Marking of shipments. TIG Brief 32:7 Apr 18 '80

More do-it-yourself moves urged. Len Famiglietti.
AF Times 40:2 Feb 4 '80

Nickles and dimes saved still add up to \$. TIG Brief
32:5-6 Sep 26 '80

PCS checklist can save dollars. Len Famiglietti. AF
Times 41:7 Sep 15 '80

Panel (Defense Per Diem Committee) asks higher
HH goods weight allowances. tab AF Times 41:17
Dec 29 '80

Plan to bar customs check called a threat to HHG.
Len Famiglietti. AF Times 40:3 May 5 '80

Senate vote near on property bill. AF Times 41:3
Aug 25 '80

Servicemen gain while taxpayers save with DITY.
Mark D. Smith. illus tab Def Trans J 36:40-44
Dec '80

Standard Operation Identification Program. TIG Brief
32:4 Feb 8 '80

HOUSING

See also
Barracks and Quarters

United States

Buying a home--the American dream. illus tabs Sol-
diers 35:20-23 May '80

Going VA--it may not be your key to home ownership.
Thomas Slear. illus AF Times, Times Magazine
sup:22-24 Oct 6 '80

(Leased) housing phase-out won't hurt occupants. AF
Times 41:15 Nov 10 '80

98 percent living off base to get VHA by Oct 31. Tom
Philpott. tab AF Times 41:1+ Oct 27 '80

Rise in housing \$\$ sought. John Ginovsky. AF Times
40:2+ Feb 25 '80

Services fear end to leased housing. AF Times 41:14
Aug 18 '80

HOUSING - ContinuedUnited States - Cont'dCosts

House swaps: Saving time, money, careers. AF
Times 40:1+ Apr 21 '80

HOVERCRAFT see Air Cushion Vehicles

HOWZE, Hamilton H.

Confrontation in the Middle East. Gen Hamilton H.
Howze, Ret. Army 30:22-26 Aug '80

HUGHES, James D.

Pacific Air Forces. por AF Mag 63:84-85 May '80

Pacific Air Forces: A forward defense strategy.
(Presentation, Air Force Assoc National Sympo-
sium, Los Angeles, Oct 26, 1979) LtGen James D.
Hughes. AF Plcy Ltr for Comdrs: Sup No. 2:14-23
Feb '80

HUMAN ENGINEERING

Human engineering: Man, machine, mission. (Army's
Human Engineering Laboratory) SgtMaj Bruce N.
Bant. illus Soldiers 35:24-26 Feb '80

Putting the HEL into HELBAT (Human Engineering
Laboratory Battalion Artillery Test). SgtMaj Bruce
N. Bant. illus Soldiers 35:39-41 Mar '80

HUMAN GOALS

New directions for equal opportunity. M. Kathleen
Carpenter. illus tab Defense/80, pp 2-15,
Feb '80

HUMAN RELATIONS

Causes of war through the writings of Aron and Waltz.
B.A. Hamzah. illus Asian Def J No. 5:143-144+
Sep-Oct '80

How's your equality quotient? TIG Brief 32:8
Nov 14 '80

Interoperability (at the grass roots level): A little
view. Capt Richard S. Gourley. illus Infantry 70:
15-17 May-Jun '80

A mature, professional approach to our daily frustra-
tions. TIG Brief 32:11 Feb 8 '80

Speak to me. Capt Gary V. Earl. illus TAC Attack
20:22-23 Jan '80

Who's your flight commander? LtCol Delbert F.
Miller. illus TAC Attack 20:10-12 Dec '80

Study and Teaching

New directions for equal opportunity. M. Kathleen
Carpenter. illus tab Defense/80, pp 2-15,
Feb '80

HUMAN RELIABILITY

But I thought ... CDR V.M. Voge. (Reprinted from
Approach, Aug 1980) illus Aerosp Safety 36:24-25
Oct '80

Common sense and nuclear safety. TIG Brief 32:19
Feb 8 '80

Design-induced operator error. TIG Brief 32:14
Mar 7 '80

HUMAN RELIABILITY - Continued

Drugs, alcohol, and PRP (Personnel Reliability Program). TIG Brief 32:5 Jun 27 '80

Finger trouble. Roger Green. illus MAC Flyer 27: 12-15 May '80

Nuclear surety inspections. TIG Brief 32:3 May 30 '80

Personnel Reliability Program (PRP) suspension actions. TIG Brief 32:8 Sep 12 '80

Programming your own computer. Robert E. Coward and William H. Nelson. TAC Attack 20:26-27 Sep '80

The 'real world' application of the two-man concept. TIG Brief 32:5 Feb 22 '80

The returning brigade. Mary C. Femmer. illus Army 30:24-26+ Sep '80

Safety first ... last ... and always. illus Aerosp Safety 36:21-24 Sep '80

Security police and the two-man concept. TIG Brief 32:5-6 Dec 12 '80

Sociopolitical alienation and military efficiency. Stephen D. Westbrook. tabs Armed Forces & Soc 6: 170-189 Winter '80

They're still trying to kill you. Maj Gary M. Sloop. MAC Flyer 27:6-7 Oct '80

Two-man policy reporting. TIG Brief 32:8 Jul 11 '80

What you think you see ... sometimes isn't. Penelope Nelson. illus Aerosp Safety 36:20-23 Aug '80

HUMAN RESOURCES

The Army's match game: Man to machine. James D. Baker. illus tab Def Mgt J 16:20-25 Second Quarter '80

Forecasting the human-resource costs of Navy weapon systems. Peter D. Weddle and CDR Grant D. Fulkerson. illus Def Mgt J 16:6-11 Second Quarter '80

Human resource considerations from concept through deployment. William B. Askren and Gordon A. Eckstrand. illus Def Mgt J 16:12-19 Second Quarter '80

The "people" side of strategic deterrence: Why the draft won't solve the problem either. Govt Exec 12:22-24 Mar '80

Taking account of human resources in DOD. Maj Robert D. Skees. illus Def Mgt J 16:26-29 Second Quarter '80

HUMAN RIGHTS see Civil RightsHUMAN WASTE

Catecholamine excretion in A-10 pilots. Gary S. Krahenbuhl and others. tabs Aviation, Space & Envmt Med 51:661-664 Jul '80

HUMPHREY, Gordon J.

Analysis and compliance enforcement in SALT verification. Sen Gordon J. Humphrey. Intl Sec Rev 5: 1-26 Spring '80

HURRICANES

Ground safety: Reporting natural phenomena. TIG Brief 32:20 Feb 8 '80

The Hurricane Hunters. Gary F. Frey. illus Am Avn Hist Soc J 25:45-56 Spring '80

Hurricane/Puerto Rico Army National Guard. illus USA Avn Dig 26:34-35 Jan '80

Hurricane teams ready for storms. AF Times 41:65 Aug 18 '80

HUYSER, Robert E.

Military airlift and the C-X. Gen Robert E. Huyser. AF Plcy Ltr for Comdrs: Sup, pp 15-16, Aug '80

Military Airlift Command. por AF Mag 63:80-82 May '80

150 new crews OK'd for airlift training. Lee Ewing. AF Times 41:16 Aug 4 '80

Patriotism lies in nation's soul. Gen Robert E. Huyser. Officer 56:12-13 Jul '80

HYDROFOILS

FPB (Fast Patrol Boats) weapon systems. (Reprinted from Electronic Warfare/Defense Electronics, Dec 1978). illus map Asian Def J No.2:86+ Mar-Apr '80

High-speed ocean vehicles. James D. Hessman. illus Sea Power 23:25-26+ Sep '80

Hydrofoils--the ideal EEZ (Extended Economic Zones) patrol craft? Brian Walters. illus Asian Def J No.3:108+ May-Jun '80

HYDROGEN

Energy security and the hydrogen economy. Harvey B. Silverstein. illus Nav War Col Rev 33:48-62 Sep-Oct '80

Hydrogen: The fuel of the future. George J. Hirt. illus tab Mil Engr 72:94-98 Mar-Apr '80

HYDROPLANING

Hydroplaning made easy. Maj Arthur P. Meikel. illus Aerosp Safety 36:22-25 Dec '80

HYDROPORTS see AirportsHYGIENE see Health and HygieneHYPOXIA

Hypoxia-induced fatal aircraft accident revealed by voice analysis. Ichiro Saito and others. illus tabs Aviation, Space & Envmt Med 51:402-406 Apr '80

Medical hyperbaric oxygen therapy: 22 cases. Frank Welsh and others. tab Aviation, Space & Envmt Med 51:611-614 Jun '80

IATA see International Air Transport Association

ICAO see International Civil Aviation Organization

ICBM see Missiles

IFF see Identification Friend or Foe

ILS see Integrated Logistic Support

INTELSAT see International Telecommunications Satellite Organization

INTELSAT CONSORTIUM see International Telecommunications Satellite Organization

IP see Instructor Pilots

ICE

"Pride goeth before ..." Capt Michael W. Ryan. illus MAC Flyer 27:4-6 Sep '80

Rescue reversal. illus MAC Flyer 27:14-15 Jul '80

Snow and ice on the runway. TIG Brief 32:18 Feb 8 '80

ICEBREAKERS

The Coast Guard's red fleet. LT Jeffrey M. Garrett. US Nav Inst Proc 106:101-103 Dec '80

Deep Freeze 1980: Diary of an icebreaker. LT Christopher L. Lee. illus US Nav Inst Proc 106:140-143 Oct '80

Under way with the 140-foot icebreaker-tugs. LCDR Lawson W. Brigham. tab US Nav Inst Proc 106:123-125 Oct '80

ICELAND

Iceland: Unique in NATO. LCDR Robert A. Fliegel. illus tab US Nav Inst Proc 106:32-37 Aug '80

Foreign Policy

View from Reykjavik. Björn Bjarnason. illus NATO's Fifteen Nations 25:55 Apr-May '80

Politics and Government

View from Reykjavik. Björn Bjarnason. illus NATO's Fifteen Nations 25:55 Apr-May '80

ICING ON AIRCRAFT see

Airplanes, Military--Ice Prevention
Helicopters, Military--Ice Prevention

IDENTIFICATION FRIEND OR FOE

C³/EW in Europe--can NATO get its electrons together? Deborah M. Kyle and Benjamin F. Schemmer. illus tab Armed Forces J Intl 118:24-25+ Sep '80

IFF--the current system and its problems. Intl Def Rev 13, No.3:352 '80

The NATO identification system. Dan Boyle. illus Interavia 35:201-205 Mar '80

NIS (NATO Identification System)--a new identification system for NATO. Dan Boyle. illus Intl Def Rev 13, No.3:351+ '80

IDENTIFICATION OF MILITARY PERSONNEL

DEERS (Defense Enrollment/Eligibility Reporting System) expanding on West Coast, in Southeast. AF Times 41:32 Dec 15 '80

DEERS (Defense Enrollment/Eligibility Reporting System) may go overseas early. Len Famiglietti. AF Times 41:4 Nov 17 '80

New IDs OK'd; will cut fraud, misuse. Paul Smith. AF Times 41:1+ Aug 4 '80

Rites of passage: Getting your first ID card. Joan Dettmann. illus AF Times 41:43 Sep 15 '80

Shift to med ID system (Defense Enrollment/Eligibility Reporting System (DEERS)) won't deny anyone care. AF Times 41:7 Nov 3 '80

Standard Operation Identification Program. TIG Brief 32:4 Feb 8 '80

Unauthorized use of Air Force facilities and services. TIG Brief 32:4 Apr 18 '80

What you should know about DEERS (Defense Enrollment/Eligibility Reporting System). Col A. H. Humphreys. Officer 56:23 Sep '80

IDEOLOGY

Army of internationalists. Col A. Solovyov. Soviet Mil Rev No.2:2-4 Feb '80

Ideological indoctrination of Chinese servicemen. Col Yu. Petrov. Soviet Mil Rev No.1:45-47 Jan '80

Leninism triumphant. illus Soviet Mil Rev No.1:2-4 Jan '80

The moral factor in war. Col V. Zubarev. Soviet Mil Rev No.10:13-15 Oct '80

The professional revolutionary--a profile. Mostafa Rejai. illus AU Rev 31:86-90 Mar-Apr '80

V.I. Lenin and party-political work in the Red Army. MajGen P. Isakov. Soviet Mil Rev No.2:7-9 Feb '80

ILLINOIS

State of the state: Illinois. illus Govt Exec pt 1, 12:16+ Feb '80; pt 2, 12:29+ Mar '80

Politics and Government

State of the state: Illinois. illus Govt Exec pt 1, 12:16+ Feb '80; pt 2, 12:29+ Mar '80

ILLITERACY

Curing government illiteracy. M. Scott Downing. Govt Exec pt 1, Communicating to a nation of tenth graders: The comprehension drops as content gets complex. 12:28-29+ Jul '80; pt 2, An automatic comprehension check for government regulation originators. 12:28+ Aug '80

IMMUNIZATION AND IMMUNITY

Childhood immunization. illus Soldiers 35:54-55 Aug '80

IMMUNIZATION AND IMMUNITY - Continued

Children required to have five immunizations. Len Famiglietti. AF Times 41:2 Dec 15 '80

Post-exposure use of the new human diploid cell (rabies) vaccine at Clark Air Base (RP). Andrew W. Tice, Jr. Aviation, Space & Envmt Med 51: 923-925 Sep '80

Shoot first, ask questions later? Tom Donnelly. illus AF Times 41:29-30 Dec 29 '80

IMPORT TRADE see Commerce

IN-FLIGHT MEAL SERVICE

Airline catering. Manfred Momberger. illus Aerosp Intl 16:49-51 May-Jun '80

IN-FLIGHT REFUELING

ADF (Automatic Direction Finding) magnetic bearing rendezvous. Capt Tom R. Konecny. illus tabs Navigator 27:24-26 Summer '80

Air refueling--the need. LtCol Clifton J. Jester. illus Combat Crew 30:20-21 Jun '80

(Jet engines, jet aircraft, and in-flight refueling) Jay Miller. illus AF Times pt 1, 41:23 Sep 8 '80; pt 2, 41:28 Sep 15 '80

She operates a gas station at 20,000 feet. 1stLt James C. Pearson. illus Sergeants 18:18-19 Sep '80

History

The nav heritage--the KC-97L. LtCol Thomas P. Beal. illus Navigator 27:15-19 Winter '80

IN-SERVICE TRAINING see On-the-Job Training

INACTIVATION OF INSTALLATIONS AND UNITSArmed Forces

Out of 40 bases targeted, only six closed. AF Times 41:16 Dec 15 '80

INCENTIVE PAYSee also

Flight Pay

Bill would up incentive pays. Andy Plattner. AF Times 40:1+ Feb 11 '80

House panel (Armed Services Subcommittee on Compensation) approves o'seas pay/leave plan. Martha Lynn Craver. AF Times 40:1+ Jun 30 '80

INCOMESee also

Gross National Product

Food stamp use soars; AFJ estimates 60,000 need them. Benjamin F. Schemmer. Armed Forces J Intl 117:39-40 Apr '80

USMC Commandant (Gen Robert H. Barrow) leads Services in urging troops to use food stamps. SSgt Don Shinkaruk. tab Armed Forces J Intl 117:39 Apr '80

Veteran status, earnings, and race--some long term results. Roger D. Little and J. Eric Fredland. tabs illus Armed Forces & Soc 5:244-260 Winter '79; Commentary. Patricia M. Shields. 7:171-173; Rejoinder. 7:174-175 Fall '80

INDIAForeign RelationsRussia

A factor of peace and stability. V. Yefremov. Soviet Mil Rev No.5:55-56 May '80

Soviet ambitions in South Asia. A.G. Noorani. Intl Sec 4:31-59 Winter '79/'80

Politics and Government

India's business card--democracy, failed. L. Thomas Walsh. map Armed Forces J Intl 118:78+ Sep '80

Strategic Importance

India moves to near center-stage. Leigh Johnson. Def & For Aff 8, No.1:48 '80

INDIAN OCEAN REGION

DOD wants \$\$ for (military operations in) Indian Ocean. AF Times 40:54 May 12 '80

Naval operations in the Middle East. VADM Gerald E. Miller, Ret. illus Islamic Def Rev 5, No.1: 10-13+ '80

The search for U.S. bases in the Indian Ocean: A last chance. ADM Thomas H. Moorer, Ret and Alvin J. Cottrell. illus map Strat Rev 8:30-38 Spring '80

Strategic Importance

Access to the Indian Ocean. Maj James C. Wise. illus tabs maps Mil Rev 60:63-71 Nov '80

Ahead: A chasm of capability. R. James Woolsey and Michael Moodie. illus map Sea Power 23:45-46+ Nov '80

DOD says U.S. does "not wish to compete" with USSR for key Indian Ocean base. Benjamin F. Schemmer. map Armed Forces J Intl 117:29+ Jul '80

Diego buildup seen for Indian Ocean force. L. Edgar Prina. Sea Power 23:39-40 Feb '80

Indian Ocean arms control. Richard A. Best, Jr. illus map US Nav Inst Proc 106:42-48 Feb '80

The Pentagon's plans for the Indian Ocean. V. Yefremov. Soviet Mil Rev No.6:47-49 Jun '80

A Western force for East of Suez. Frank Uhlig, Jr. Armed Forces J Intl 117:39+ Aug '80

INDIANS OF AMERICA see American Indians

INDOCHINA

Indochina versus ASEAN? Southeast Asia in the world of the 1980s. Peter Lyon. illus map NATO's Fifteen Nations 25:38-41 Feb-Mar '80

INDUSTRIAL PLANNINGSee also

Industry and Defense

INDUSTRIAL RELATIONS see Labor-Management Relations

INDUSTRY

See also specific kinds of industry, e.g.,
 Aerospace Industry and Trade
 Aircraft Industry and Trade
 Arms Industry and Trade
 Electronic Industry and Trade
 Fish Industry and Trade
 Helicopter Industry and Trade
 Missile Industry and Trade
 Petroleum Industry and Trade

Subdivision of labor revisited. Franz A.P. Frisch.
 illus tabs Def Sys Mgt Rev 3:74-102 Winter '80

Dispersal

To withstand the firestorm. (Paul Vauthier's prophetic ideas) Philip D. Supina. illus US Nav Inst Proc 106:42-46 Nov '80

Russia

Home-front exploit. Lt-Col N. Kurov. illus Soviet Mil Rev No.5:18-21 May '80

The Kursk Magnetic Anomaly. (Interview with M. Trunov) Col N. Yelshin and LtCol V. Titov. illus Soviet Mil Rev No.2:10-13 Feb '80

United States

America's lagging productivity. Frederick L. Haynes. tabs Signal 34:33-37+ Jan '80

The beleaguered arsenal: The need for a revitalized national industrial policy. John E. Ellison. illus tab Sea Power 23:25-26+ Dec '80

Reforging industrial readiness. Dale W. Church. illus Defense/80, pp 2-7, Dec '80

INDUSTRY AND DEFENSE

Air launched cruise missile construction program. Maj Gerald L. Robinson and others. illus AF Engrg & Svcs Qtr 21:28-30+ May '80

An analytical approach to improved manufacturing technology. Milton H. Ritchie and others. illus tab Def Mgt J 16:52-56 Fourth Quarter '80

Army logistics challenges in the 1980's. Gen John R. Guthrie. tabs Log Spectrum 14:24-27 Summer '80

'Arsenal of democracy' is bankrupt. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Apr 28 '80

The beleaguered arsenal: The need for a revitalized national industrial policy. John E. Ellison. illus tab Sea Power 23:25-26+ Dec '80

CNAD and NIAG: The Conference of National Armaments Directors, its inter governmental groups and the NATO Industrial Advisory Group. John C. Stone. illus chart NATO's Fifteen Nations 24:28+ Dec '79-Jan '80

(Communications and electronic industries as they relate to and support our Armed Forces) (Banquet address, AFCEA Convention, Washington, June 25, 1980) Gen Russell E. Dougherty, Ret. illus Signal 34:28-30 Aug '80

The communications regulatory process. (Address, Technology Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) Rep Lionel Van Deerlin. illus Signal 34:25-27 Feb '80

INDUSTRY AND DEFENSE - Continued

(Complex problems we face in maintaining defense preparedness) Interview. William J. Perry. illus Natl Def 65:50-55 Oct '80

Contracting in Air Force Systems Command--finding a better way. Gen Alton D. Slay. Signal 34:7-9 Jul '80

DOD announces new top 100 contractors. Deborah G. Meyer. illus Armed Forces J Intl 117:54-56 Jul '80

Defence industry newsbriefs. Regular feature in issues of Asian Defence Journal

Defense industry news. Regular feature in issues of International Defense Review

Deputy Under Secretary of Defense, Research and Advanced Technology (Arden L. Bement, Jr.). illus Natl Def 64:9-10 Jun '80

Design-to-affordability: One industry view. Lawrence E. Stewart. illus tab Def Sys Mgt Rev 2:17-26 Autumn '79

An EEC view on the new technologies of information. (Address, AFCEA NATO Brussels Symposium, Oct 1980) Raymond K. Appleyard. Signal 35:51-53 Dec '80

The education-with-industry program. (Presentation, Education-with-Industry Symposium, Atlanta, Sep 15, 1980) James E. Williams, Jr. AF Plcy Ltr for Comdrs: Sup, pp 18-22, Oct '80

Home-front exploit. Lt-Col N. Kurov. illus Soviet Mil Rev No.5:18-21 May '80

The impact of energy costs on acquisition contracting. Vaughn R. Pleasant. Def Sys Mgt Rev 3:69-76 Spring '80

Implementing NATO systems/projects. (Address, AFCEA NATO Brussels Symposium, Oct 1980) Joseph M. A. H. Luns. illus Signal 35:27-28 Dec '80

Improving aircraft navigation through shared technology. Burrell W. Hays. illus Def Mgt J 16:35-37 First Quarter '80

Independent R&D: Key to technological growth. David D. Acker. Def Sys Mgt Rev 3:43-57 Winter '80

Industry's top defense contractors and their Washington executives. Deborah G. Meyer. illus Armed Forces J Intl 117:44+ Aug '80

Industry's "top ten" defense contractors and their Washington executives. Deborah G. Meyer. illus Armed Forces J Intl 117:56-57+ Jun '80

Is DOD a competitive force in the semiconductor market? John Callahan. Armed Forces J Intl 117:48+ Jun '80

Israel Military Industries--suppliers of weapons and ammunition. Felix Müller. illus Armada Intl 4:10-12+ Jan-Feb '80

Missile unity: A NATO view. (Interview with G.R. Jefferson) David Harvey. illus Def & For Aff 8, No.3:39-41+ '80

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

INDUSTRY AND DEFENSE - Continued

Metric conversion for defense. Thomas S.O'Connor. illus Natl Def 65:38-42 Dec '80

NATO naval armaments co-operation. FAdm Dieter Wellershoff. illus NATO's Fifteen Nations 24: 39-40+ Dec '79-Jan '80

National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80

Needed: A defense-industrial strategy for the UK. Geoffrey Pattie. illus Def & For Aff 8, No.9: 6-9+ '80

The origins of the military-industrial complex. Maureen P.Sullivan. Def Sys Mgt Rev 3:129-139 Summer '80

Our shrinking industrial base. (Presentation, Military Order of the Carabao Luncheon, Army and Navy Club, Washington, April 22, 1980) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jul '80

Panel (House Armed Services Committee) will study defense industry. AF Times 41:11 Oct 27 '80

The product liability problem. Emanuel Kintisch. illus Natl Def 65:40-46 Aug '80

Productivity improvement: A challenge for the 80s. (Office of Productivity, Technology, and Innovation) Jordan J.Baruch. illus Signal 35:25-26 Sep '80

Reforging industrial readiness. Dale W.Church. illus Defense/80, pp 2-7, Dec '80

Should-cost analysis: Is it the answer? H.G.Hoehl. tabs Def Mgt J 16:48-51 Fourth Quarter '80

Socio-economic objectives: Impact on civil and Defense agencies. Maj Richard J.Hampton and Richard J.Lorette. Def Sys Mgt Rev 2:78-88 Autumn '79

Socio-economic program impact on acquisition management. Patrick D.Sullivan. tab Def Sys Mgt Rev 2:89-98 Autumn '79

Spinoffs. Helen Kay Ellsworth. illus Soldiers 35:44-47 Mar '80

U.S. defense electronics: Strangled or free? Jacquelyn S.Porth. Def & For Aff 8:37-39 Nov '80

VHSIC's impact on industry. David H.Moore and William J.Towle. illus tabs Mil Elect/Countermeasures pt 1, 6:48+ Nov '80

Winchester goes to war. Edwin Pugsley. illus Natl Def 65:56-57+ Oct '80

INDUSTRY AND RESEARCH

Productivity, technology, and the illusion of the free lunch. Hans M.Mark. illus Defense/80, pp 8-13, Aug '80

The Royal Signals & Radar Establishment. illus maps Asian Def J No.2:78-79+ Mar-Apr '80

Spinoffs. Helen Kay Ellsworth. illus Soldiers 35:44-47 Mar '80

INDUSTRY AND STATE

FAA & industry: First to be forced apart? David Hoffman. Govt Exec 12:26-27 Jun '80

Opportunity and catastrophe: How government looks to NMA (National Micrographics Assoc). C.W. Borklund. illus Govt Exec 12:14+ May '80

INERTIAL GUIDANCE

Improving aircraft navigation through shared technology. Burrell W.Hays. illus Def Mgt J 16:35-37 First Quarter '80

INERTIAL NAVIGATION see Navigation, Inertial

INFANTRY

Man against armor. BrigGen S.L.A.Marshall. illus Armor 89:30-36 Jan-Feb '80

France

Renault wheeled armoured vehicles. R.M.Ogorkiewicz. illus tab Intl Def Rev 13, No.5:723-727 '80

NATO

The forward infantry force defense. Maj Robert A. Frizzo. illus tab Mil Rev 60:20-29 May '80

Infantry: The edge of the sword. George Gibbs. illus NATO's Fifteen Nations Special Issue No.1:115-116+ '80

Russia

Rifleman training systems--preparing the infantryman to fight. Edward C.Ezell. illus tabs Intl Def Rev 13, No.5:707-711 '80

United States

Combat service support terrain walks. LtCol Donald E.S.Merritt. illus tabs Mil Rev 60:31-37 Jun '80

The 9th Infantry Division. illus Infantry 70:19-22 Jan-Feb '80

The Infantry: Its roles and missions. Marie B.Edgerton. illus Air Def Mag, pp 9-13, Jul-Sep '80

The Infantryman's helicopter in the 1980's. MajGen David E.Grange, Jr. illus USA Avn Dig 26:2-3 Apr '80

Leadership and the Infantry lieutenant. 1stLt Harold E.Raugh, Jr. illus Mil Rev 60:35-36 Jul '80

'One-up and two-back'? Gen William E.DePuy, Ret. illus tab Army 30:20-25 Jan '80

The rapid deployment force: How much, how soon? Col Raymond E.Bell, Jr. illus Army 30:18-24 Jul '80

Rifleman training systems--preparing the infantryman to fight. Edward C.Ezell. illus tabs Intl Def Rev 13, No.5:707-711 '80

Roundout: Linking active & Reserve. (5th Infantry Div, Fort Polk, LA, and 95 members of Louisiana Army National Guard participate in Reforger 1978 and other units of same participate in Gopher Broke VIII) Helen Kay Ellsworth. illus Soldiers 35:11-13 Apr '80

INFANTRY - ContinuedUnited States - Cont'd

The true school of the lieutenant. Capts Thomas R. Rozman and William A. Saunders. illus Infantry 70: 16-18 Jul-Aug '80

The U.S. Army's Infantry and Cavalry Fighting Vehicles. David G. Holmes. illus tabs Intl Def Rev 13, 7:1075-1081 '80

History

The handlebar Infantry (Bicycle Corps). Don Miller. illus Army 30:38-40+ Sep '80

Infantry in the Indian Wars (1866-1890). MSgt Patrick E. Andrews, Ret. illus Infantry pt 1, 70:28-32 Jul-Aug '80; pt 2, 70:37-41 Sep-Oct '80

Organization

Two views on: The rifle squad. Douglas K. Lehmann and Robert J. O'Neil. illus Infantry 70:18-21 May-Jun '80

INFANTRY CENTERS AND SCHOOLSRussia

Worthy successors. (Red Banner Higher Command Combined-Arms School) Col Ye. Besschyotnov. illus Soviet Mil Rev No. 3:31-33 Mar '80

United States

OPFOR (OPposing FORces)--life on the other side. SP5 Steve Davis. illus Soldiers 35:50-52 Nov '80

INFLATION (FINANCE)

DOD trying to cope with 16 percent inflation. Paul Smith. AF Times 41:6 Aug 11 '80

Funds crunch said to harm AF mission. AF Times 40:4 Jan 7 '80

The impact of cost rises. David Harvey. illus Def & For Aff 8, No. 1:40-41 '80

Inflation called threat to U.S. security. Richard C. Barnard. AF Times 40:3-4 Feb 18 '80

Struggling with inflation. Jay Finegan. illus AF Times, Times Magazine sup:4-8+ Sep 1 '80

INFLIGHT MEAL SERVICE see entry under In-Flight as two words

INFLIGHT REFUELING see entry under In-Flight as two words

INFORMATION, FREEDOM OF see Freedom of Information

INFORMATION EXPLOSION

Comprehensive OMB report takes a future look at the Federal life of general purpose ADP's. tabs Govt Exec 12:49-50+ Mar '80

INFORMATION PROGRAMSAir Force

Commanders and public affairs officers. (Excerpt from presentation, 9th Annual Public Affairs Conference and School, Presidio of San Francisco, March 28, 1980) LtGen Charles M. Hall. AF Plcy Ltr for Comdrs: Sup, pp 26-28, Sep '80

INFORMATION PROGRAMS - ContinuedAir Force - Cont'd

Facility energy technology transfer. Ed E. Wilson and Capt Philip C. Holden. AF Engrg & Svcs Qtr 21: 28-29 Nov '80

Information collections from the public. TIG Brief 32:15 Dec 12 '80

INFORMATION STORAGE AND RETRIEVAL SYSTEMSSee also

Electronic Data Processing Systems
Management Information Systems
Microforms

Facility energy technology transfer. Ed E. Wilson and Capt Philip C. Holden. AF Engrg & Svcs Qtr 21: 28-29 Nov '80

Message handling on ships--rationalisation by distributed data-processing. LtComdr Siegfried Netzbund and Heinz Schwarzer. illus Intl Def Rev 13, No. 6:883-886 '80

INFRARED DETECTORS

The Milan night sight. illus tab Intl Def Rev 13, No. 2:256 '80

Staring IR sensors. Donal B. Lloyd. illus tabs Mil Elect/Countermeasures pt 1, 5:58+ Nov '79; pt 2, 5:32+ Dec '79; pt 3, 6:28+ Jan '80

Tactical infrared. W.M. Fraser. illus tabs Intl Def Rev 13, No. 2:251-254 '80

INFRARED EQUIPMENT

Dependence of optokinetic nystagmus characteristics upon recording techniques. L.A. Abel and others. tabs Aviation, Space & Envt Med 51:1112-1113 Oct '80

The Milan night sight. illus tab Intl Def Rev 13, No. 2:256 '80

"Intelligent" missiles for tomorrow. John S. Philipp. illus Asian Def J No. 5:20+ Sep-Oct '80

Navy picks AN/AAD-5 infrared reconnaissance set for its tactical air reconnaissance pod system. Ralph L. Nardone. illus Def Elect 12:23-24+ Oct '80

INFRARED RADIATION

Eyes for the Navy? CDR Harold M. Olson. illus US Nav Inst Proc 106:113-115 Jul '80

INLAND NAVIGATION see Waterways

INMAN, Bobby R.

Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. por Signal 35:9-12+ Oct '80

INSIGNIAAir Force--U.S.

Wings for nonrated; badge break for EM. Bruce Callander. illus AF Times 40:1+ May 12 '80

History

Changing insignias. LtCol Howard T. Wright, Ret. illus Aerosp Hist 27:113-115 Jun '80

INSIGNIA - ContinuedAir Force--U.S. - Cont'dHistory - Cont'd

51st insignia and early history: Homer's Volunteer Group. Tom Britton. Am Avn Hist Soc J 25:240 Fall '80

New wings kindle memories. Bruce Callander. illus AF Times 40:22+ May 19 '80

Marine Corps--U.S.History

Shoulder patches: A polar bear for the Marines (serving in Iceland, 1941-1942). Maj D.F. Bittner. illus MarCor Gaz 64:76-82 Nov '80

INSPECTIONSee also

Airplanes, Military--Inspection
Food--Inspection

Air Force

Aircrew testing: One IG team's approach. TIG Brief 32:3-4 Sep 12 '80

Base Inspection Questionnaire: A tool for managers. TIG Brief 32:12 Jul 25 '80

Chaplain inspections. TIG Brief 32:3 Apr 4 '80

Defense Nuclear Surety Inspection (DNSI). TIG Brief 32:3 Oct 17 '80

Effective communications: Vital link in the inspector-inspectee relationship. TIG Brief 32:3-4 Nov 28 '80

Housing inspection wait to be waived. AF Times 40:18 May 12 '80

How to prepare for the medical IG. TIG Brief 32:11-12 Feb 22 '80

Impact of inspectors on Air Force success. (Address, 1979 USAF Worldwide Inspection Conference, Norton AFB, CA) John A. Hewitt, Jr. TIG Brief 32:1-2 Jan 11 '80

Inspection results: A management tool. TIG Brief 32:3-4 Jun 13 '80

Inspection Results Analysis System (IRAS). TIG Brief 32:11 Sep 12 '80

Inspections and combat readiness reporting. TIG Brief 32:3 May 2 '80

Inspectors and staff officers: Friends or foes? TIG Brief 32:3 Nov 28 '80

Internal inspections: Ideas for the functional manager. TIG Brief 32:15-16 Oct 31 '80

Joint approach adds realism to inspections (of Air Force Communications Command units that support five major commands). AF Times 41:35 Nov 17 '80

Just another ORI. 1stLt Max D'LaRotta. illus Combat Crew 30:18-19 Sep '80

INSPECTION - ContinuedAir Force - Cont'd

Leadership through inspection: The positive approach. TIG Brief 32:3 Nov 14 '80

Limiting factor reporting and operational readiness inspections. TIG Brief 32:3 May 16 '80

Management Effectiveness Inspections (MEIs). TIG Brief 32:3 Jun 13 '80

Medical Service: Inspection Guide E. TIG Brief pt 1, Active duty medical units. Section A, 32:21-22 Feb 8 '80; Section B (1-4), 32:17-22 Feb 22 '80; Section B (5-6), 32:18-21 Mar 7 '80; Section C, 32:20-21 Mar 21 '80; Section D (1-2), 32:18-21 Apr 4 '80; Section D (3), 32:19-21 Apr 18 '80; Section E (1-4), 32:18-21 May 4 '80; Section E (5), 32:18-22 May 16 '80; Section E (6-9), 32:16-22 Jun 13 '80; Section E (10-13), Sections F-I, 32:16-22 Jun 27 '80; Sections J-L, 32:16-21 Jul 11 '80; pt 2, Air Reserve forces medical units or activities. Section A, 32:19-20 Jul 25 '80

Mission Capability Inspection (MCI). TIG Brief 32:3 Jun 27 '80

New inspection of technical training. TIG Brief 32:3 Sep 26 '80

Nuclear surety inspections. TIG Brief 32:3 May 30 '80

Nuclear surety inspections. TIG Brief 32:3 Nov 14 '80

Positive aspects of the inspection process. TIG Brief 32:3 Mar 21 '80

Readiness: Ready for what? TIG Brief 32:4 May 16 '80

Readiness/surety inspections: Oversimulation may be the 'kiss of death.' TIG Brief 32:3 Jul 11 '80

Results: The measure of an inspector. TIG Brief 32:3 Feb 8 '80

SAC readiness: The DE (Damage Expectancy) formula. BrigGen Richard A. Burpee. illus Combat Crew 30:2-3 May '80

Self-inspection: A holistic view. TIG Brief 32:3-4 Dec 12 '80

Taking the blinders off. TIG Brief 32:14 Jun 13 '80

The value of preparation. TIG Brief 32:10 May 16 '80

What commanders need to know about the new AFR 123-1, 'The Inspection System.' illus TIG Brief 32:3 Apr 18 '80

What is an FMI (Functional Management Inspection)? TIG Brief 32:3 Sep 26 '80

What is an FMI (Functional Management Inspection)? TIG Brief 32:4 Dec 12 '80

What's a SAMI (System Acquisition Management Inspection)? TIG Brief 32:3 Mar 7 '80

Why an inspection system? TIG Brief 32:4 May 30 '80

Armed Forces

Rules of Evidence: Inspection change held far-reaching. AF Times 41:26 Aug 11 '80

INSPECTION - ContinuedArmy

IG inspections: Why we have them. SGM Bruce N. Bant. illus Soldiers 35:26-27+ Aug '80

Preparation for a nuclear surety inspection. Capt John M. Urias. illus Air Def Mag, pp 37-39, Jan-Mar '80

Coast Guard

A marriage of convenience: Marine safety and computers. LT William J. Barker. illus map US Nav Inst Proc 106:125-127 Oct '80

Navy

Let's get our training act together. CDR John D. Roper. illus US Nav Inst Proc 106:99-101 Jun '80

Reserve Forces--Air Force

Air Force Reserve medical units: Self inspection program. TIG Brief 32:6 Jun 27 '80

INSPECTOR GENERALAir ForceSee also

Air Force Inspection and Safety Center

Impact of inspectors on Air Force success. (Address, 1979 USAF Worldwide Inspection Conference, Norton AFB, CA) John A. Hewitt, Jr. TIG Brief 32:1-2 Jan 11 '80

Improving the IG system. (Comments at 1979 USAF Worldwide Inspection Conference, Norton AFB, CA) LtGen Howard M. Lane. TIG Brief 32:1-2 Mar 7 '80

The inspector and the staff. TIG Brief 32:3 Feb 22 '80

Results: The measure of an inspector. TIG Brief 32:3 Feb 8 '80

Armed Forces

Putting the clamps on government waste. David D. Acker. illus Def Mgt J 16:38-43 First Quarter '80

Army

The Army IG says ... Interview. LtGen Richard G. Trefry. illus Soldiers 35:31-32 Aug '80

IG inspections: Why we have them. SGM Bruce N. Bant. illus Soldiers 35:26-27+ Aug '80

INSTALLATIONSArmed ForcesDictionaries

Guide to military installations in the U.S. illus AF Times, Times Magazine sup: entire issue Apr 7 '80

Navy

Testing the Navy's professional and managerial skills. RADM Donald G. Iselin. illus chart Mil Engr 72:9-13 Jan-Feb '80

INSTITUTE OF NAVIGATION

The Institute of Navigation Superior Achievement Award (presented to Capt Terry N. Mayer). illus Navigator 27:10-11 Winter '80

INSTRUCTOR PILOTS

Can we teach judgement? C.B. Stoddard. illus TAC Attack 20:12-14 Nov '80

The care and feeding of copilots. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Jul '80

Instructor's skill in method. Col N. Debda. illus Soviet Mil Rev No. 5:41-42 May '80

On fighter instruction. Maj Gary L. Sholders. illus Aerosp Safety 36:4-7 Jun '80

"Pride goeth before ..." Capt Michael W. Ryan. illus MAC Flyer 27:4-6 Sep '80

Two seconds too far. illus MAC Flyer 27:6-7 Mar '80

INSTRUCTORS see Teachers and TeachingINSTRUMENT FLYING

Big instrument. Regular feature in some issues of Combat Crew

Come fly with me. Ronald R. Simmons. illus tabs USA Avn Dig 26:10-12 Sep '80

Defensive flying. Capt Dennis Storck. illus Aerosp Safety 36:8-9 Jun '80

Do you remember the saying, "What you see is what you get"? Ronald R. Simmons. illus USA Avn Dig 26:21-23 Jul '80

Evolution of instrument flying. USA Avn Dig 26:34-37 Nov '80

Instrument related accidents. WgComdr Jeremy Saye. illus TAC Attack 20:14-15 Oct '80

Tips for instrument flight planning. CW3 Charles E. Cook. illus tabs USA Avn Dig 26:41-44 Feb '80

200 & 1/2 mi. Maj Pete Abler. illus TAC Attack 20:4-6 Jun '80

History

Blind-flying's men of vision. Maj James G. Gibson II. illus MAC Flyer pt 1, 27:12-15 Jan '80; pt 2, 27:18-19 Feb '80

Study and Teaching

A 'Link' with the past. (A Link trainer from the 40's is restored at Tinker Air Logistics Center) Sgt Craig Pugh. illus Airman 24:9-11 May '80

INSTRUMENT LANDING SYSTEMS see Automatic Landing SystemsINSTRUMENTATION

The instrumented battlefield. Kenneth G. Richards. illus Infantry 70:33-35 Mar-Apr '80

The TACTS (Tactical Aircrew Combat Training System)/ACMI (Air Combat Maneuvering Instrumentation) microcosm. Phillip R. Craven. illus Sea Power 23:41-42 Dec '80

INSTRUMENTATION - Continued

Taking the guesswork out of training. (MAFIS, Mobile Automated Field Instrumentation System) SSgt Adolph C. Mallory. illus Army 30:45-46+ Aug '80

INSTRUMENTS

See also specific kinds of instruments, e.g.,
Aeronautical Instruments
Altimeters
Periscopes
Recording Instruments
Sensors

INSURANCE

Credit, insurance denied because of (military) occupation. AF Times 41:24 Dec 8 '80

Defense planning test for health care choices. AF Times 40:41 Jun 16 '80

'Other' health plans get new focus. Richard C. Barnard. AF Times 40:4 Apr 7 '80

The product liability problem. Emanuel Kintisch. illus Natl Def 65:40-46 Aug '80

Voice your views on health care. Richard Barnard. AF Times 40:6 Jan 14 '80

Costs

Products liability and tort risk distribution in government contract programs. Maj Roger Dean Graham. tabs AF Law Rev 20, No. 4:331-422 '78

INSURANCE, LIFE

DOD pushes SGLI, VGLI boost. Larry Carney. AF Times 41:1+ Oct 20 '80

DOD wants reenlistees to know SGLI policy. AF Times 41:11 Aug 25 '80

GAO spots flaw in Reserve SGLI program. Karen McKay. AF Times 40:9 Jun 9 '80

INSURGENCY

An alternative to appeasement. Mark N. Katz. illus US Nav Inst Proc 106:58-62 Jun '80

The conflict index. Regular feature in issues of Defense & Foreign Affairs

Political constraints on U.S. intervention in low-intensity conflicts. David W. Tarr. illus Parameters 10:51-60 Sep '80

Wars of national liberation--insurgency. Col Wendell E. Little, Ret. AU Rev 31:117-122 Sep-Oct '80

INTEGRATED LOGISTIC SUPPORT

Estimates and fortune-telling in intelligence work. Shlomo Gazit. illus Intl Sec 4:36-56 Spring '80

Formulating improved figures of merit in aircraft acquisition. Charles Stiles. illus tabs Def Mgt J 16:56-60 First Quarter '80

Integrated logistics support planning for joint programs. TIG Brief 32:12 Dec 12 '80

Integrated logistics support--the vital link. Maj William A. Schurter. Army Log 12:16 Jan-Feb '80

INTELLIGENCE

See also
Counterintelligence

Russia

"I'm sorry, Monsieur, but we cannot trust the U.S. government." CDR Edward P. Stafford, Ret. illus US Nav Inst Proc 106:104-106 Jul '80

The KGB (Committee on State Security) Olympics: USSR fields world-class team--to entertain and entrap the unwary. John J. McGrath. illus Sea Power 23:25-26+ May '80

United States

A clandestine clan. Kenneth L. Adelman. Intl Sec 5:152-171 Summer '80

Debate over U.S. strategic forecasts: A mixed record. Rep Les Aspin. illus tabs Strat Rev 8:29-43 Summer '80

Debate over U.S. strategic forecasts: A poor record. William T. Lee. illus tabs Strat Rev 8:44-57; Rebuttal. Rep Les Aspin. 8:57-59 Summer '80

"I'm sorry, Monsieur, but we cannot trust the U.S. government." CDR Edward P. Stafford, Ret. illus US Nav Inst Proc 106:104-106 Jul '80

A national scandal? (Sverdlovsk affair) Editorial. Walter F. Hahn. Strat Rev 8:9-10 Spring '80

Strategic intelligence estimates: Let's make them useful. Richard K. Betts. illus Parameters 10:20-26 Dec '80

USMC steps up in intelligence. Capt Roger E. Mahoney. illus MarCor Gaz 64:17-19 Jan '80

INTELLIGENCE (IQ)

A question of quality: Why the pieces don't fit. John J. Fialka. illus Army 30:29-32 Jun '80

Recruit scores: 6 times more Category IVs than reported. tab AF Times 41:3 Jul 28 '80

Services tap lower mental groups. Andy Plattner. AF Times 40:2 Mar 10 '80

INTELLIGENCE, MILITARY

See also
Counterintelligence
World War II--Intelligence Operations

The electronic battle. LtCol Don E. Gordon. illus Infantry 70:22-24 May-Jun '80

Estimates and fortune-telling in intelligence work. Shlomo Gazit. illus Intl Sec 4:36-56 Spring '80

The evolution of C³I. M.I. Thom. illus Intl Def Rev 13, No. 7:1033-1035 '80

The Harvest Moon caper. Col Walter B. Booth, Ret. illus Army 30:19-21 Nov '80

On the importance of secret intelligence. Hugh McCaffrey. illus US Nav Inst Proc 106:53-55 Aug '80

INTELLIGENCE, MILITARY - ContinuedStudy and Teaching

DIS to offer MA in strat(egic) intelligence. AF Times 41:6 Dec 1 '80

Middle East

Surveillance boosted for Iran-Iraq War. Jay Miller. illus AF Times 41:38 Oct 27 '80

Russia

What Ivan knows about us. LtCol William P. Baxter, Ret. illus Army 30:33-35 May '80

United States

C³/EW/I is getting more money, but especially more visibility. Benjamin F. Schemmer. Armed Forces J Intl 117:49-50 Feb '80

C³I in evolution. John C. Morgenstern. illus Natl Def 64:18-21 Apr '80

C³I satellite systems. Paul A. Chadwell. illus Natl Def 64:50-53+ Jun '80

C³I--the essential element. Gerald P. Dinneen. illus tab Natl Def 64:15-17 Apr '80

C³I: The intellect and impetus of military force. Gerald P. Dinneen. illus Defense/80, pp 2-11, Nov '80

The CEWI (Combat Electronic Warfare Intelligence) battalion: A tactical concept that works. LtCol Don E. Gordon. illus Mil Rev 60:2-12 Jan '80

The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. illus Signal 35:9-12+ Oct '80

Intelligence made easy. Maj A.C. Bevilacqua. illus MarCor Gaz 64:54-59 Oct '80

15th Military Intelligence Aerial Exploitation Battalion (15th MI AEB). Richard P. Fulton. illus USA Avn Dig 26:42-45 Oct '80

The need to know. Capt Don Rightmyer. illus USAF Ftr Wpns Rev, pp 23-26, Spring '80

New equipment for intelligence analysis. Signal 35:82 Sep '80

Omens and oracles. (Past intelligence failures) LtCol Joseph C. Arnold. illus US Nav Inst Proc 106:47-53 Aug '80

Raids and national command: Mutually exclusive! LtCol Peter A. Kelly. illus Mil Rev 60:19-26 Apr '80

Rapid deployment force C³. (Convention panel, AFCEA, Washington, June 26, 1980) RADM Jerry O. Tuttle and others. illus Signal 34:75+ Aug '80

Salvaging signal intelligence lost on tape. David C. Robinson. illus Def Elect 12:49+ Nov '80

INTELLIGENCE, MILITARY - ContinuedUnited States - Cont'd

Some current C³I concepts and programs. Gowri S. Sundaram. illus Intl Def Rev 13, No. 7: 1036-1042 '80

Strategic intelligence estimates: Let's make them useful. Richard K. Betts. illus Parameters 10: 20-26 Dec '80

Tactical communications--the linkage between C² and I. James H. Babcock. illus Signal 35:11+ Nov '80

Tactical intelligence analysis and EW control: Army's automated C³I. illus Mil Elect/Countermeasures 6:55-56+ Jun '80

The total military intelligence officer: Intelligence systems managers. Maj Albert E. Warburton III. illus tabs Mil Rev 60:27-41 Apr '80

When turfs overlap: A study of organizations in collision. (U.S. Army intelligence community) MajGen Edward B. Atkeson. illus Army 30:38-43 Nov '80

INTELLIGENCE SCHOOLSArmed ForcesSee also

Defense Intelligence School

INTER-AMERICAN DEFENSE BOARD

IADB (Inter-American Defense Board)--'attitude of the hemisphere.' Interview. LtGen Randal T. Adams. illus AF Times 40:27 Jun 23 '80

Peacekeeping and the Inter-American system. LtCol John Child, Ret. tabs Mil Rev 60:40-54 Oct '80

INTER-AMERICAN PEACE FORCE

Peacekeeping and the Inter-American system. LtCol John Child, Ret. tabs Mil Rev 60:40-54 Oct '80

INTERCEPTION OF AIRCRAFT see

Airplanes, Military--Interception
Helicopters, Military--Interception

INTERCEPTION OF MISSILES see Missiles--Intercep-
tionINTERCONTINENTAL BALLISTIC MISSILES see
MissilesINTERDICTION

Air power in the Central Region. AVM M.J. Armitage. illus RUSI J for Def Studies 124:33-38 Dec '79

Assault Breaker. Konrad Alder. illus Armada Intl 4:50-52+ Jan-Feb '80

Battlefield interdiction: Old term, new problem. BrigGen Edward A. Dinges and Maj Richard H. Sinnreich. illus tab Fld Arty J 48:14-17 Jan-Feb '80

Close air support in modern warfare. WgComdr Jeremy G. Saye. illus tab AU Rev 31:2-21 Jan-Feb '80

INTERDICTION - Continued

Deep-strike interdiction. Charles E. Myers, Jr. illus
US Nav Inst Proc 106:47-52 Nov '80

A new model for land warfare: The firepower dominance concept. LtCol Robert S. Fairweather, Jr.
AU Rev 32:79-87; Responses. LtCol Dennis M. Drew and Maj James M. Simpson. 32:87-92 Nov-Dec '80

INTERNATIONAL AIR TRANSPORT ASSOCIATION

Storm signals for international air transport. Interavia 35:1007 Nov '80

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Cooperation--the key to global air transport. Assad Kotaite. illus Aerosp Intl 16:62+ Nov-Dec '80

INTERNATIONAL COOPERATIONSee also

Aircraft Industry and Trade--International Aspects
Aviation--International Aspects
Missile Industry and Trade--International Aspects
Nuclear Power--International Aspects
Space--International Aspects
Technology--International Cooperation

The acquisition of armaments. illus Def & For Aff 8, No.4:6-9+ '80

The case for a "Can-Am" carrier. A.K. Maconochie. illus US Nav Inst Proc 106:109-111 Jan '80

Collaborative weapons acquisition: A closer look. Robert W. Dean. illus NATO's Fifteen Nations 25: 33-34+ Apr-May '80

Continental interdependence, energy, and integration in the Americas. Alejandro Orfila. AEI For Plcy & Def Rev 1, No.6:15-21 '79

Cooperation means mission accomplishment. illus Def Trans J 36:4-7+ Feb '80

Defence procurement--a European view. Per-Eric Jansson. RUSI J for Def Studies 124:19-22 Dec '79

Demonstrating professional capabilities. (Two major AF construction programs in the Far East) Capt Barry Kelly. illus AF Engrg & Svcs Qtr 21:33-36 May '80

Eurodynamics: Jumping Europe's hurdles. David Harvey. illus Def & For Aff 8, No.3:6-7+ '80

European and transatlantic armaments cooperation from the German viewpoint. Hans L. Eberhard. (Trans by Paul A. Chadwell from Soldat und Technik, Sep 1979) tabs Natl Def 64:37-41 Apr '80

Future frigate procurement--a joint American/European proposal. R.J.L. Dicker. illus Intl Def Rev 13, No.4:500-501 '80

Historic example of cooperation (on occasion of the 35th anniversary of the Yalta Conference). N. Glagolev. Soviet Mil Rev No.1:36-38 Jan '80

Implementing NATO systems/projects. (Address, AFCEA NATO Brussels Symposium, Oct 1980) Joseph M.A.H. Luns. illus Signal 35:27-28 Dec '80

INTERNATIONAL COOPERATION - Continued

Israeli air base construction program. Capt Karsten H. Rothenberg. illus map AF Engrg & Svcs Qtr 21: 13-16 May '80

Keeping the peace. Col N.L. Dodd. illus Asian Def J No.1:4-5+ Jan-Feb '80

Missile unity: A NATO view. (Interview with G.R. Jefferson) David Harvey. illus Def & For Aff 8, No.3:39-41+ '80

NATO common-funded infrastructure projects. (Address, AFCEA NATO Brussels Symposium, Oct 1980) VAdm D.A. Collins, Ret. Signal 35:35-38 Dec '80

NATO needs and plans revealed. Richard Hartman. Def Elect 12:35-36 Feb '80

New tank generation out of Franco-German marriage? Robert Heck. illus Armada Intl 4:6-8 May-Jun '80

Satellites: The new stars. L.B. Woods. illus Def & For Aff 8, No.3:42-43+ '80

The Saudi Arabian construction program. LtCols Harry W. Glaze and Larry G. Garrison. illus tab map AF Engrg & Svcs Qtr 21:20-23 May '80

UK puts off Av-8B/Mk 5 Harrier choice. Intl Def Rev 13, No.7:983 '80

'You fight like you train.' Mark E. Berent. illus AF Mag 63:44-49 Dec '80

INTERNATIONAL CORPORATIONS see Corporations, InternationalINTERNATIONAL LAW

Consequences of breaking the rules. Don Mace. AF Times 41:18 Oct 27 '80

Deception, spying fall under Geneva accords. Don Mace. AF Times 41:12 Sep 29 '80

How close is a law of the sea? Interview. Elliot L. Richardson. illus Def & For Aff 8, No.2:40-41 '80

JAG guide (AFP 110-34) outlines weapons legalities. Don Mace. AF Times 41:15 Oct 6 '80

Law and conflict at sea. LT Roger D. Wiegley. illus Nav War Col Rev 33:68-77 Jan-Feb '80

'Laws' aim to limit civilian casualties. Don Mace. illus AF Times 41:39 Sep 15 '80

'Laws' (of armed conflict) define enemy targets. Don Mace. AF Times 41:34 Sep 8 '80

The laws of war and belligerent reprisals against enemy civilian populations. Maj Matt C.C. Bristol III. AF Law Rev 21, No.3:397-431 '79

Laws on war: Quick survey. Don Mace. AF Times 41:7 Sep 1 '80

Negotiating a law of the sea. CDR Frank B. Swayze. illus US Nav Inst Proc 106:33-39 Jul '80

Neutrals--their rights, duties. Don Mace. AF Times 41:17 Oct 13 '80

INTERNATIONAL LAW - Continued

- The next twenty years of naval mobility. Thomas A. Clingan, Jr. illus US Nav Inst Proc 106:82-93 May '80
- The punishment of war crimes: Have we learned the lessons of Vietnam? Guenter Lewy. illus Parameters 9:12-19 Dec '79
- Regionalism and the law of the sea: The Persian Gulf perspective. Charles G. MacDonald. illus Nav War Col Rev 33:73-81 Sep-Oct '80
- Training in the law of war. Maj John C. Spence III. illus Infantry 70:8-9 Sep-Oct '80
- Treatment of POWs. Don Mace. AF Times 41:18 Sep 22 '80

INTERNATIONAL LOGISTICS NEGOTIATIONS see Arms SalesINTERNATIONAL ORGANIZATION

- Economic integration: Nascent linkages. Richard D. Erb and Nebil N. al-Shawaf. AEI For Policy & Def Rev 2, No. 3-4:70-76 '80

INTERNATIONAL POLITICS

- Afghan awakening. Editorial. A.G.B. Metcalf. Strat Rev 8:5-7 Spring '80
- Allies, clients, and encumbrances. Alan Ned Sabrosky. Intl Sec Rev 5:117-149 Summer '80
- An alternative to appeasement. Mark N. Katz. illus US Nav Inst Proc 106:58-62 Jun '80
- Are we at peace, or is this war? MajGen Richard Schulze. illus MarCor Gaz 64:43-47 Apr '80
- Causes of war through the writings of Aron and Waltz. B.A. Hamzah. illus Asian Def J No. 5:143-144+ Sep-Oct '80
- China after Mao: Objectives and relationships. Michael B. Yahuda. illus NATO's Fifteen Nations 25:16-18+ Feb-Mar '80
- Indochina versus ASEAN? Southeast Asia in the world of the 1980s. Peter Lyon. illus map NATO's Fifteen Nations 25:38-41 Feb-Mar '80
- "Pacific Community": Another bloc? A. Tselev. Soviet Mil Rev No. 9:53-54 Sep '80
- Surprise and change in international politics. Michael I. Handel. illus tabs Intl Sec 4:57-85 Spring '80
- A world of escalating interdependencies. George W. Collins. AU Rev 31:102-108 Sep-Oct '80

INTERNATIONAL RELATIONS

See also subdivision Foreign Relations under names of countries

- Causes of war through the writings of Aron and Waltz. B.A. Hamzah. illus Asian Def J No. 5:143-144+ Sep-Oct '80
- The conflict index. Regular feature in issues of Defense & Foreign Affairs
- Defence and the world of Islam: Adding the laser dimension. Joseph J. Malone. illus tabs Islamic Def Rev 5, No. 2:32-37 '80

INTERNATIONAL RELATIONS - Continued

- Global threats and trans-Atlantic allies. Gregory F. Treverton. Intl Sec 5:142-158 Fall '80
- Historic example of cooperation (on occasion of the 35th anniversary of the Yalta Conference). N. Glagolev. Soviet Mil Rev No. 1:36-38 Jan '80
- Leninism triumphant. illus Soviet Mil Rev No. 1:2-4 Jan '80
- The military role in international negotiations. John E. Lawyer, Jr. illus AU Rev 31:27-34 Jan-Feb '80
- Multinational corporations and transnational relations. Krishna Kumar. J Pol & Mil Sociol 7:291-304 Fall '79
- Nuclear proliferation in the Third World--problems and prospects for the 1980s. Theodor H. Winkler. illus tabs Intl Def Rev 13, No. 2:198-204 '80
- On dubious battles. Raymond Aron. Trans by John J. Madigan III. illus Parameters 10:2-9 Dec '80
- On the frequency of war: Toward a reconciliation of state sovereignty and world order. Henry Barbera. tab J Pol & Mil Sociol 8:257-268 Fall '80
- Perspective from Southern Africa. John Killick. illus NATO's Fifteen Nations 25:29-30 Jun-Jul '80
- The ramparts we watch. H. R. Kaplan. illus Sergeants 18:24-27+ Jan '80
- The "Soviet threat"--the lie of the century. Lt-Col V. Amelchenko. Soviet Mil Rev No. 1:47-49 Jan '80

INTERNATIONAL SECURITY see Security, InternationalINTERNATIONAL TELECOMMUNICATIONS SATELLITE CONSORTIUM see International Telecommunications Satellite OrganizationINTERNATIONAL TELECOMMUNICATIONS SATELLITE ORGANIZATION

- INTELSAT plans ahead. Interavia 35:754 Sep '80

INTERPLANETARY FLIGHT see Space FlightINTERROGATION

- Is it bigger than a breadbox? An administrative law judge looks at cross-examination of experts. LtCol Isaac D. Benkin. AF Law Rev 21, No. 2:364-375 '79

INTERSERVICE COOPERATION

- Desert Fire. 1stLt David Vogels. illus Soldiers 35:6-10 Feb '80
- Engineer support for the combined arms team. Col Albert F. Dorris. illus Armor 89:39-43 Sep-Oct '80
- GAO wants more pooling of support services. AF Times 41:32 Oct 6 '80
- The greening of the blue. (AF helicopter pilot trainees at Fort Rucker, AL) Sgt Craig Pugh. illus Airman 24:2-6 May '80
- An overview of training-systems development. Allen Collier. illus Def Mgt J 16:2-5 Fourth Quarter '80

INTERSTATE COMMERCE COMMISSION

Analysis of the Motor Carrier Act of 1980. Donald E. Tepper. illus Def Trans J 36:5-10 Aug '80

INTERVENTION

Afghanistan: Why? Editorial. Syed Hussain bin Syed Abdul Karim. illus Asian Def J No.2:4-5 Mar-Apr '80

From Prague to Kabul: The Soviet style of invasion. Jiri Valenta. Intl Sec 5:114-141 Fall '80

On dubious battles. Raymond Aron. Trans by John J. Madigan III. illus Parameters 10:2-9 Dec '80

Peking's undeclared wars. Yu. Lugovskoi. Soviet Mil Rev No. 7:49-51 Jul '80

Political constraints on U.S. intervention in low-intensity conflicts. David W. Tarr. illus Parameters 10:51-60 Sep '80

The Soviet-Cuban intervention in Angola. Jiri Valenta. illus map US Nav Inst Proc 106:51-57 Apr '80

The Soviet invasion of Afghanistan. R.D.M. Furlong and Theodor Winkler. illus map Intl Def Rev 13, No.2:168-170 '80

The Soviet status in Afghanistan. illus Def & For Aff 8, No.2:36-38+ '80

The Warsaw Pact--military exercises and military interventions. Christopher Jones. tabs Armed Forces & Soc 7:5-30 Fall '80

INVENTIONS

Spinoffs. Helen Kay Ellsworth. illus Soldiers 35:44-47 Mar '80

Unwary inventors can lose a lot. AF Times 40:36 May 12 '80

INVENTORIES

Inventory management in the medical treatment facility. TIG Brief 32:17 Dec 12 '80

Marketing research and inventory management--getting the right information to decisionmakers. Michael J. Higgins, Jr. illus Log Spectrum 14:4-6 Fall '80

Navy improves inventory process through combining systems. illus Govt Exec 12:48 Sep '80

Selective management techniques in mechanized requirements computation. TIG Brief 32:9 Feb 22 '80

INVESTMENTS

Discounting defense capital expenditure proposals and determining the discount rate. LtCol Eugene O. Poindexter, Ret. illus tabs Armed Forces Compt 25:8-11 Feb '80

IOSUE, Andrew P.

Retention may be leveling off. Interview. LtGen Andrew Iosue. AF Times 41:2 Aug 18 '80

Two (DOPMA) bills at odds, Iosue says. Interview. LtGen Andrew Iosue. AF Times 40:3 May 26 '80

IRAN

The death of an Army: A short analysis of the Imperial Iranian Armed Forces. MajGen K. Perkins. illus RUSI J for Def Studies 125:21-23 Jun '80

Iran: Keystone in shambles. John Golden. map Natl Def 64:28-32 Apr '80

Iran: Setting the record straight. Mushahid Hussain. illus Islamic Def Rev 5, No.2:8-10 '80

Iran: The advisers' view. Maj Arley H. McCormick. map illus Mil Rev 60:67-74 Feb '80

The Iranian Armed Forces. Edgar O'Ballance. illus maps MarCor Gaz 64:47-51 Aug '80

The military and national security of Iran. Babak Khorrami. Def & For Aff 8, No.6:18-21 '80

192 Iranians quit (AF) training. AF Times 40:18 Apr 21 '80

The roots of revolution in Iran. Jamshid Momeni. J Pol & Mil Sociol 8:287-299 Fall '80

The superpowers and the Northern Tier. Zalmai Khalilzad. Intl Sec 4:6-30 Winter '79/'80

Tremors in world oil: The consequences of Iran. Melvin A. Conant and Charles K. Ebinger. Intl Sec Rev 5:27-42 Spring '80

Foreign RelationsRussia

Russia and Iran--cold war and warm water: Why Iran is next on Russia's hit list. Jack Maury. Armed Forces J Intl 117:61-62 Apr '80

Soviet ambitions in South Asia. A.G. Noorani. Intl Sec 4:31-59 Winter '79/'80

Politics and Government

After Khomeini: A look at the battle for succession. Arabel G. Kossow. Armed Forces J Intl 117:29+ Jul '80

The death of a king (Shah of Iran). illus Def & For Aff 8:44-45 Aug '80

The military balance in the Persian Gulf: Who will guard the Gulf States from their guardians? Abdul Kasim Mansur. illus map tabs Armed Forces J Intl 118:44-46+ Nov '80

The paralysis of fear: A psycho-political analysis of the Iranian revolution. F. Mina. Def & For Aff 8: 45-46 Nov '80

Post-Khomeini Iran. Babak Khorrami. Def & For Aff 8:40-41+ Aug '80

The revolution in Iran. Said Amir Arjomand. Armed Forces & Soc 6:688-694 Summer '80

Shah Mat--the rise and fall of Muhammad Reza Pahlavi. Lewis Ware. AU Rev 31:114-117 Jul-Aug '80

IRAN-IRAQ WAR, 1980-

Surveillance boosted for Iran-Iraq War. Jay Miller. illus AF Times 41:38 Oct 27 '80

IRANIAN CRISIS, 1979-1981

- The debacle at Tabas. Mukarram Ali. illus Islamic Def Rev 5, No. 2:3-7 '80
- Further reflections on Iran. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 May 26 '80
- The gamble. (Failed rescue attempt) Editorial. AF Times 40:19 May 12 '80
- In memoriam. (Deceased members of the Iran rescue team) illus Armed Forces J Intl 117:6+ Jun '80
- The Iran critique: Secrecy snagged rescue. Don Hirst. AF Times 41:16 Sep 15 '80
- Iran rescue attempt. illus AF Times 40:1+ May 12 '80
- Iran: Some in AF killed in rescue effort. AF Times 40:4 May 5 '80
- JCS panel to review rescue attempt. AF Times 40:11 Jun 16 '80
- Lessons in strategic planning. Stefan T. Possony. Def & For Aff 8, No. 6:46-47 '80
- The lessons of the Iranian raid for American military policy. Alexander Scott. illus Armed Forces J Intl 117:26+ Jun '80
- Ordeal in Teheran. Editorial. A.G.B. Metcalf. Strat Rev 8, No. 1:5-8 Winter '80
- Reflections on a failed mission. Editorial. John F. Loosbrock. AF Mag 63:6 Jun '80
- Return to America (for released hostage Richard Queen). TSgt Ed Martins. illus Air Reservist 32:4+ Aug '80
- Sikorsky H-53 used in Iran rescue try. Jay Miller. illus AF Times 40:44 May 19 '80
- Strategic price of the U.S. Iranian raid. Gregory Copley. Def & For Aff 8, No. 5:48 '80
- The War Powers Resolution: Congress vs the Commander in Chief. 1stLt Kevin E. Johns. illus US Nav Inst Proc 106:42-46 Dec '80
- Who has failed whom? Gen T.R. Milton, Ret. AF Mag 63:105 Jul '80

IRAQEconomic Conditions

- Iraq: Economic developments. Basil al-Bustany. tabs AEI For Plcy & Def Rev 2, No. 3-4:38-44 '80

Politics and Government

- Iraq: Sociopolitical developments. Phebe Marr. AEI For Plcy & Def Rev 2, No. 3-4:30-38 '80
- Iraq: When in doubt, murder. map Armed Forces J Intl 118:53+ Nov '80

IRAQ - ContinuedSocial Conditions

- Iraq: Sociopolitical developments. Phebe Marr. AEI For Plcy & Def Rev 2, No. 3-4:30-38 '80

IRELAND, NORTHERN

- Ten years of British troops in Northern Ireland. J. Brian Garrett. tabs Intl Sec 4:80-104 Winter '79/'80

IRRADIATION see RadiationISELIN, Donald G.

- Testing the Navy's professional and managerial skills. RADM Donald G. Iselin. Mil Engr 72:9-13 Jan-Feb '80

ISOLATION

- The alleged isolation of U.S. Army officers in the late 19th century. John M. Gates. tabs Parameters 10:32-45 Sep '80

ISOTOPEs

- Heart scan eases disease detection. AF Times 40:49 Jun 16 '80

ISRAEL

- Naval aims and strategy of Israel. Capt Imroze Sagar. illus tab Islamic Def Rev 5, No. 1:23-25+ '80
- Potential of internal conflict in Israel. Col Jay C. Mumford. Nav War Col Rev 33:74-83 Jul-Aug '80

Foreign RelationsEgypt

- The Jerusalem question: Cutting the Gordian knot. John A. Berry. illus maps Parameters 10:33-43 Jun '80
- Shifting sands of peace in the Middle East. Mohamed Sid-Ahmed. Intl Sec 5:53-79 Summer '80
- The Sinai field mission: A step toward peace in the Middle East. David A. Napoliello. map illus Parameters 9:20-27 Dec '79

ITALYPolitics and Government

- Italy: Political violence in the heart of NATO. Angelo M. Codevilla. Intl Sec Rev 5:91-110 Spring '80

Strategic Importance

- Italy's contribution to the defence of the Western World. Frederick Bonnart. illus NATO's Fifteen Nations 24:45-47 Dec '79-Jan '80

J TIDS see Joint Tactical Information Distribution System

JUMPS see Joint Uniform Military Pay System

JACKSON, Henry M.

A post-detente strategy for the United States. Sen Henry M. Jackson. por Strat Rev 8:11-16 Spring '80

Why foreign policy will determine domestic tranquility in the 1980's. por Govt Exec 12:14+ Dec '80

JAMAICA

Continental interdependence, energy, and integration in the Americas. Alejandro Orfila. AEI For Plcy & Def Rev 1, No.6:15-21 '79

JAMES, Avon C.

Air Force computer resources: A vital element of mission support. BrigGen Avon C. James. TIG Brief 32:2 Jul 25 '80

The Directorate of Computer Resources. BrigGen Avon C. James. por AF Compt 14:4-7 Jul '80

Directorate of Computer Resources. BrigGen Avon C. James. por AF Compt 14:23 Oct '80

Notes from the Director of Computer Resources. BrigGen Avon C. James. por AF Compt 14:27 Jul '80

JAPAN

Economics and defense: Japan's dilemma. Col Thomas H. Harvey, Jr. illus tabs Mil Rev 60:64-70 Jun '80

Our military partnership with Japan. LtGen William H. Ginn, Jr. illus Defense/80, pp 18-20, Nov '80

Economic Policy

Japan--economic giant and military pigmy. Dick Willson. illus NATO's Fifteen Nations 25:25-26+ Feb-Mar '80

Foreign Policy

Japan: The reluctant superpower. Stefan Geisenheyner. illus Def Elect 12:93-94+ Feb '80

Japan's security situation: An assessment. P. Lewis Young. illus tabs Asian Def J pt 1, Japan in a wider world. No.2:24-26+ Mar-Apr '80; pt 2, Changing realities in Japan, 1945-1952. No.3: 12-14+ May-Jun '80

Foreign Relations

Developments in East Asia. Brig F.W. Speed. Army Qtr 109:19-22 Jan '79

"Pacific Community": Another bloc? A. Tselev. Soviet Mil Rev No.9:53-54 Sep '80

A strategic analysis of Northeast Asia and the Northwest Pacific. CAPT John F. Tarpey, Ret. illus maps US Nav Inst Proc 106:106-125 May '80

Russia

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

JAPAN - Continued

Strategic Importance

Japan's security situation: An assessment. P. Lewis Young. illus tabs Asian Def J pt 1, Japan in a wider world. No.2:24-26+ Mar-Apr '80; pt 2, Changing realities in Japan, 1945-1952. No.3: 12-14+ May-Jun '80

JERUSALEM

The Jerusalem question: Cutting the Gordian knot. John A. Berry. illus maps Parameters 10:33-43 Jun '80

JET ENGINES

See also
Gas Turbines (Aircraft)

A boot full of rudder. Capt Jimmy Carter. illus TAC Attack 20:4-6 Jul '80; Aerosp Safety 36:10-12 Aug '80

Can anyone follow the JT8D? Bill Sweetman. illus tab Interavia 35:936-938 Oct '80

Jet engine ingestion. TIG Brief 32:3 Jan 11 '80

(Jet engines, jet aircraft, and in-flight refueling) Jay Miller. illus AF Times pt 1, 41:23 Sep 8 '80; pt 2, 41:28 Sep 15 '80

Large civil turbofans. Andrea Artoni. illus Aerosp Intl 16:48+ Sep-Oct '80

More flying hours asked--jet engines available. Interview. BrigGen Richard D. Murray. AF Times 40:7 May 12 '80

New life for old birds. illus Aerosp Intl 16:56 Mar-Apr '80

Characteristics

Big-fan engines--a new U.S. generation. Bill Sweetman. illus tabs Interavia 35:411-414 May '80

The DC-8 re-engining program. Jackson McGowen. illus tabs Interavia 35:419-421 May '80

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

New developments in U.S. military fighter engines. Dan Boyle. illus Interavia 35:415-417 May '80

Trends in new-generation turboprop engines. Marc Grangier. illus Interavia 35:422-423 May '80

Maintenance and Repair

Air Force life: Getting it done. (Two specialists at Wurtsmith AFB, MI, save money by performing difficult repair job on a KC-135) illus Airman 24: 13-14 Aug '80

Caledonian Airmotive: New CF6 engine overhaul facility at Prestwick. Derek Wood. illus Interavia 35:362 Apr '80

Hahn (AB, Ger) 'F-4' branch keeps 150 engines on the job. SSgt Sean M. Brennan. illus AF Times 40:38 Mar 10 '80

MISTR (Management of Items Subject To Repair) program enhancements. TIG Brief 32:7 Mar 21 '80

JET ENGINES - ContinuedMaintenance and Repair - Cont'd

New ideas in jet engine maintenance. illus Armada Intl 4:92+ Jul-Aug '80

Opportunistic base and depot maintenance policies for F100 engines in F-15 aircraft. John L. Madden and Virginia L. Williamson. tabs AF J Log 4:18-22 Winter '80

Testing

Computerized engine testing. Charles Sciano. illus Natl Def 65:45-46 Dec '80

JOB ANALYSIS

Pre-enlistment expectations/perceptions of Army life, satisfaction, and re-enlistment of volunteers. Col Donald E. Gauntner and others. tabs J Pol & Mil Sociol 8:31-42 Spring '80

Structure, environment, and satisfaction: Toward a causal model of turnover from military organizations. Allen C. Bluedorn. illus tabs J Pol & Mil Sociol 7:181-207 Fall '79

Why AF pilots resign: They don't fly enough. John Ginovsky. AF Times 41:1+ Nov 10 '80

JOHNSON, Frederick C.

Command and control in the 80s. (Convention panel, AFCEA, Washington, June 25, 1980) RADM Frederick C. Johnson and others. Signal 34: 61-62+ Aug '80

JOHNSON, John B.

Crucial Navy mandates adopted at (ROA) National Council meeting cited. RADM John B. Johnson. Officer 56:17 May '80

ROA favors bill on Coast Guard. RADM John B. Johnson. Officer 56:14 Jun '80

ROA goes before Military Personnel Committee with strong statement. RADM John B. Johnson. Officer 56:12-13 Mar '80

Where does U.S. Marine Corps go from here? RADM John B. Johnson. Officer 56:16-17 Feb '80

JOHNSON, Lyndon B.

The Commander in Chief and the public: Mass response to Johnson's March 31, 1968 bombing halt speech. Lee Sigelman. tabs J Pol & Mil Sociol 8: 1-14 Spring '80

JOINT CHIEFS OF STAFF

(C³ Systems Organization of the Joint Chiefs of Staff) Interview. LtGen Hillman Dickinson. illus Mil Elect/Countermeasures 6:18+ May '80

The future of the Joint Chiefs of Staff. John G. Kester. AEI For Plcy & Def Rev 2, No. 1:2-23 '80

Gen (David) Jones says he made no deal (with key members of the Senate concerning his renomination as chairman of the Joint Chiefs of Staff). AF Times 40:3 Jun 16 '80

Hill wants JCS advice. AF Times 40:4 Jul 14 '80

JOINT CHIEFS OF STAFF - Continued

JCS: Don't reallocate. Tom Philpott. AF Times 41:1+ Sep 1 '80

JCS panel to review rescue attempt. AF Times 40:11 Jun 16 '80

The quality of military advice. ADM James L. Holloway III, Ret. AEI For Plcy & Def Rev 2, No. 1: 24-36 '80

Resigning in opposition examined. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Oct 13 '80

Strategic planning and the policy process: American plans for war in East Asia, 1945-1950. Roger Dingman. Nav War Col Rev 32:4-21 Nov-Dec '79

JOINT DEPLOYMENT AGENCY

Joint Deployment Agency goes to work. Allan R. Scholin. illus chart AF Mag 63:50-54 Jan '80

JOINT FORCES

This term applies to forces of one country only. For information on forces of two or more allied countries see Combined Forces.

United States

Lethal against armor: The Joint Air Attack Team. William P. Schlitz. illus AF Mag 63:44-50+ Sep '80

Prepared to respond. (Rapid deployment force) MSgt Matt Glasgow. illus Soldiers 35:10-14 Aug '80

The Rapid Deployment Joint Task Force. LtCol Thomas M. Johnson and LCDR Raymond T. Barrett. illus US Nav Inst Proc 106:95-98 Nov '80

Roundout: Linking active & Reserve. (5th Infantry Div, Fort Polk, LA, and 95 members of Louisiana Army National Guard participate in Reforger 1978 and other units of same participate in Gopher Broke VIII) Helen Kay Ellsworth. illus Soldiers 35:11-13 Apr '80

JOINT LOGISTICS COMMANDERS

The Joint Logistics Commanders: Another bureaucratic arrangement? Maj James P. Reynolds. illus charts Log Spectrum 14:27-30 Summer '80

JOINT OPERATIONS

This term applies to operations of one country only. For information on operations of two or more allied countries see Combined Operations.

See also specific exercises and/or operations by name.

Black Fury. (Joint training exercise in Panama to test Southern Command's ability to defend the Panama Canal) TSgt Tim Zane. illus Air Reservist 32: 12-13 May '80

Drones take on White Sands missiles. SrAmn Tom Power. illus AF Times 40:31 May 19 '80

Ex-Crusader 1980. Col Norman L. Dodd. illus Asian Def J No. 6:140-143 Nov-Dec '80

The logistics challenges of deploying a CONUS joint task force. Maj Stephen G. Crane. illus tab AF J Log 4:13-18 Fall '80

JOINT OPERATIONS - Continued

Realistic (transportation) training for (Army and Navy) Reservists (COLTT (Combined Operations Logistic Transportation Training) Exercise). Clyde Hall and others. illus Officer 56:17 Nov '80

TASVAL. (Joint Army-Air Force-Marine Corps test of tactical air power) LtCol Lowell G. La Rue. illus Air Def Mag, pp 26-29, Jan-Mar '80

Tomorrow's war today. BrigGen Jerry Max Bunyard. illus AF Mag 63:64-67 Oct '80

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM

UKADGE (United Kingdom Air Defence Ground Environment)--latest development for the ground defence environment. Dan Boyle. illus Interavia 35: 922 Oct '80

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No.6:887-890 '80

JOINT UNIFORM MILITARY PAY SYSTEM

JUMPS ... how effective is it? Capt Homer L. Rickerson, Jr. illus AF Compt 14:37-39 Jan '80

JONES, David C.

Boost pay, benefits to end midlevel exodus. Gen David C. Jones. AF Times 40:3-4 Feb 11 '80

Gen (David) Jones says he made no deal (with key members of the Senate concerning his renomination as chairman of the Joint Chiefs of Staff). AF Times 40:3 Jun 16 '80

(Gen David) Jones to (Harold) Brown: Full Nunn-Warner benefits 'essential.' Bruce Callander. AF Times 40:1+ Apr 21 '80

JCS Chairman (Gen David C. Jones) sums it all up: Challenges of a changing world. (Testimony, House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. por Armed Forces J Intl 117:8-11 Mar '80

A Military Posture for the 1980s. (Statement before House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. por Defense/80, pp 17-24, Apr '80

Our present Military Posture. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Mar 3 '80

JONES, David C. - Continued

Trends and challenges in the 1980s. (Presentation, Boston University Overseas Commencement, Heidelberg, Ger, June 8, 1980) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup, pp 5-9, Aug '80; Condensation. AF Times 40:19 Jul 14 '80

U.S. Military Posture. (Presentation, House Armed Services Committee, Washington, Jan 29, 1980) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup, pp 15-23, Apr '80

JUDGE ADVOCATE GENERALAir Force

Civil Service Reform Act 'whistleblower' provisions. TIG Brief 32:11-12 Jan 25 '80

... JAGDR (Judge Advocate General's Department Reserve) to the rescue. Maj Robert R. Gales. illus Air Reservist 32:11 Mar '80

The Judge Advocate General's Department. illus AF Mag 63:133 May '80

JUDGES

CMA upsets 30-year rule on 'doubt.' AF Times 41:15 Sep 8 '80

JUDICIAL SYSTEMS see CourtsJUNGLE WARFARE

Cope Thunder ... plus. Capt Michael W. Ritz. illus Air Reservist 32:18-19 Jun '80

Mission King Six One. Capt Michael W. Ritz. illus map Natl Guard 34:16-19 Mar '80

Study and Teaching

Andersen (AFB, Guam) team takes to the jungle. PH2 Dan Kline. illus AF Times 41:23 Oct 20 '80

The dark, green trail. Fred Reed. illus AF Times, Times Magazine sup:12-16 Jan 14 '80

Panama adventure. (Army Jungle Operations Training Center, Fort Sherman) Steve Abbott. illus Soldiers 35:6-10 Dec '80

SPs get 'Viet' training. SSgt Ron Pack. AF Times 41:25 Oct 20 '80

KAMPUCHEA see Cambodia

KATZ, Benjamin

Pacific communications revisited. RADM Benjamin Katz, Ret. Signal 34:71-72 Jan '80

KAZAKHSTAN

Soviet Kazakhstan. (Interview with Lt-Col I. Barchukov) Sh. Zh. Zhanybekov. illus Soviet Mil Rev No. 8:14-17 Aug '80

KEITH, Donald R.

The Army of the future. Interview. LtGen Don R. Keith. por Def & For Aff 8, No. 5:42-43 '80

The comeback trail: Challenges in equipping the new Army. LtGen Donald R. Keith. Fld Arty J 48:25-29 Sep-Oct '80

The pragmatics of precision guided munitions. LtGen Donald Keith. por Signal 35:19-22 Sep '80

KEMP, Jack F.

U.S. strategic force modernization: A new role for missile defense? Rep Jack F. Kemp. por Strat Rev 8:11-17 Summer '80

KENDALL, Maurice W.

National Militia (Act) advocated by MajGen Kendall. Officer 56:15 Sep '80

KING, Ernest J.

Guadalcanal: Neither side would quit. CDR Thomas B. Buell, Ret. por US Nav Inst Proc 106:60-65 Apr '80

KING, Thomas H.

'Not many oldtimers around anymore': A nostalgic story of Tom King and some almost-forgotten leaders from ROA's productive past. Col John T. Carlton, Ret. por Officer 56:18-19 Feb '80

KINNARD, Douglas

McNamara at the Pentagon. BrigGen Douglas Kinnard, Ret. por Parameters 10:22-31 Sep '80

KINNARD, Harry W.O.

Airmobility revisited. LtGen Harry W.O. Kinnard, Ret. por USA Avn Dig pt 1, 26:1-5+ Jun '80; pt 2, 26:8-14 Jul '80

KLINE, John A.

Dynamics of small learning groups. John A. Kline. por Educ J 22:19-24 AY '79/'80

KNOWLES, Billy M.

Paid Ice Storm ... a personal briefing. BrigGen Billy M. Knowles. Air Reservist 32:16-17 Feb '80

KOLLMORGEN, Leland S.

Affordability--let's not make it a dirty word. RADM L.S. Kollmorgen and LCDR S.E. Briggs. Def Sys Mgt Rev 3:78-83 Summer '80

KOLODNY, Stanley C.

1500 dentists to train as emergency medics. Interview. BrigGen Stanley C. Kolodny. AF Times 41:8 Nov 10 '80

Top AF dentist supports new CHAMPUS plan. Interview. BrigGen Stanley C. Kolodny. AF Times 41:28 Nov 17 '80

KOREA (DEMOCRATIC PEOPLE'S REPUBLIC)

The Korean Peninsula: In transition. (Statement before the House Armed Services Committee, Feb 5, 1980) Gen John A. Wickham, Jr. illus Defense/80, pp 20-24, May '80

Foreign Relations

Russia

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

KOREA (REPUBLIC)

Korea: The mission. SSgt Jim Boersema. illus Soldiers 35:38-40 Aug '80

The Korean Peninsula: In transition. (Statement before the House Armed Services Committee, Feb 5, 1980) Gen John A. Wickham, Jr. illus Defense/80, pp 20-24, May '80

74 Koreans tied to black market. SSgt Tom Fuller. AF Times 41:22 Sep 15 '80

South Korea: A Garrison State? C.I. Eugene Kim. Armed Forces & Soc 6:517-525 Spring '80

Description and Travel

Exploring Korea: The land beyond the bases. Adrienne Astolfi Eddins. illus AF Times, Times Magazine sup:6-10+ Dec 8 '80

Korea: The adventure. SSgt Jim Boersema. illus Soldiers 35:41-45 Aug '80

Foreign Relations

Russia

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

United States

The Korean Peninsula: In transition. (Statement before the House Armed Services Committee, Feb 5, 1980) Gen John A. Wickham, Jr. illus Defense/80, pp 20-24, May '80

ROK pauses, and prepares to move ahead. Peter Judd. Def & For Aff 8:48+ Aug '80

KOREAN WAR, 1950-1953

Aerial Operations, American

The lost lesson of Vietnam. LtCol Forrest K. Kleinman, Ret. illus Mil Rev 60:64-71 Aug '80

Omens and oracles. (Past intelligence failures) LtCol Joseph C. Arnold. illus US Nav Inst Proc 106:47-53 Aug '80

KOREAN WAR, 1950-1953 - ContinuedAerial Operations, American - Cont'd

The Sabre Tooth Cheetahs of Osan. Francis J. Amody.
illus Am Avn Hist Soc J 25:42-44 Spring '80

Campaigns and Battles

Chosin Reservoir remembered. 1stLt Joseph R. Owen,
Ret. illus map MarCor Gaz 64:52-58 Dec '80

Task Force Smith. William Colon. illus maps Infantry
70:35-37 Jan-Feb '80

Strategy

Civilian policy makers and military objectives: A
case study of the U.S. offensive to win the Korean
War. Clarence Y.H. Lo. J Pol & Mil Sociol 7:229-
242 Fall '79

KROESEN, Frederick J.

"Lots of blue ink on the readiness charts." Gen Fred-
erick J. Kroesen. por Army 30:64-69 Oct '80

KRULAK, Victor H.

The rapid deployment force: Criteria and imperatives.
LtGen Victor H. Krulak, Ret. por Strat Rev 8:39-
43 Spring '80

KUTER, Laurence S.

An Air Force general: Laurence Sherman Kuter.
I.B. Holley, Jr. por Aerosp Hist 27:88-90 Jun '80

KUTER, Laurence S. - Continued

Airpower pioneers: Gen Laurence S. Kuter. MajGen
Haywood S. Hansell, Jr, Ret. por AF Mag 63:95-
97 Jun '80

General Laurence S. Kuter, 1905-1979. MajGen Hay-
wood S. Hansell, Jr, Ret. obit biog por Aerosp
Hist 27:91-94 Jun '80

Laurence S. Kuter--1905-1979. por obit AF Mag 63:24-
Jan '80

KUWAITEconomic Conditions

Kuwait: Economic developments. Carl Bazarian. tabs
AEI For Plcy & Def Rev 2, No.3-4:50-55 '80

Politics and Government

Kuwait: Deterrence and instability. Armed Forces J
Intl 118:59-60 Nov '80

Kuwait: Sociopolitical developments. Naseer H. Aruri.
AEI For Plcy & Def Rev 2, No.3-4:44-50 '80

Social Conditions

Kuwait: Sociopolitical developments. Naseer H. Aruri.
AEI For Plcy & Def Rev 2, No.3-4:44-50 '80

KUYK, Charles F.G., Jr

Peacetime training vs wartime role. MajGen Charles
F.G. Kuyk, Jr, Ret. por Airlift Ops Rev 2:11-12
Jul-Sep '80

LaBERGE, Walter B.

Senior Pentagon official (Walter B. LaBerge) suggests U.S. fund billions in German air defenses. Benjamin F. Schemmer. por Armed Forces J Intl 118: 20-21+ Sep '80

LABOR, DIVISION OF see Division of LaborLABOR DEPTUnited States

Why the Services Contract Act is an NMA (National Micrographics Assoc) headache. Govt Exec 12: 23-24 May '80

LABOR-MANAGEMENT RELATIONSUnited States

Contract management labor relations. TIG Brief 32:13 Feb 22 '80

Federal employee picketing: Regulation of a privilege. Nicholas J. LoBurgio. AF Law Rev 21, No. 2: 330-363 '79

Federal sector grievance arbitration under the Civil Service Reform Act of 1978. Capt Carolyn R. Linsey. AF Law Rev 21, No. 2:376-389 '79

Financial management and labor negotiations--should the twain meet? E.R. Nordtvedt. tab Armed Forces Compt 25:23-25+ May '80

Labor-management relations at Tinker Air Force Base (OK): Fair and fundamental. MajGen Cecil E. Fox. illus Def Mgt J 16:52-55 First Quarter '80

The scope of bargaining under the Civil Service Reform Act of 1978. Capt Ralph J. Capio. AF Law Rev 20, No. 4:493-500 '78

Why the Services Contract Act is an NMA (National Micrographics Assoc) headache. Govt Exec 12: 23-24 May '80

LABOR PRODUCTIVITY

(Air) Logistics Center (Kelly AFB, TX) wins OPM (Exemplary Practice in Federal Productivity) Award. AF Times 40:25 Jun 23 '80

An approach to effectiveness/productivity. Joseph J. Jablonski. illus tabs Armed Forces Compt 25: 15-17+ Nov '80

The beleaguered arsenal: The need for a revitalized national industrial policy. John E. Ellison. illus tab Sea Power 23:25-26+ Dec '80

The do-more-with-less syndrome: Teetering on the brink. Capt Kenneth C. Stoehrmann. tab AU Rev 32:103-108 Nov-Dec '80

Enhancing Navy productivity. William B. Shaner. illus tabs Armed Forces Compt 25:4-7 Feb '80

Improving weapons in the fleet. Robert J. Massey and others. Def Sys Mgt Rev 3:97-104 Spring '80

Monitoring orthodox job enrichment. Frederick I. Herzberg and Margaret W. Miner. illus Def Mgt J 16:30-36 Second Quarter '80

LABOR PRODUCTIVITY - Continued

Our shrinking industrial base. (Presentation, Military Order of the Carabao Luncheon, Army and Navy Club, Washington, April 22, 1980) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jul '80

Perspectives on the issues of productivity. Maj Michael E. Thorn. illus tab Armed Forces Compt 25: 30-34 Nov '80

Productivity improvement: A challenge for the 80s. (Office of Productivity, Technology, and Innovation) Jordan J. Baruch. illus Signal 35:25-26 Sep '80

Productivity, technology, and the illusion of the free lunch. Hans M. Mark. illus Defense/80, pp 8-13, Aug '80

LABOR SUPPLY see ManpowerLABOR UNIONS

Contract management labor relations. TIG Brief 32:13 Feb 22 '80

Federal employee picketing: Regulation of a privilege. Nicholas J. LoBurgio. AF Law Rev 21, No. 2: 330-363 '79

Federal sector grievance arbitration under the Civil Service Reform Act of 1978. Capt Carolyn R. Linsey. AF Law Rev 21, No. 2:376-389 '79

Financial management and labor negotiations--should the twain meet? E.R. Nordtvedt. tab Armed Forces Compt 25:23-25+ May '80

Labor-management relations at Tinker Air Force Base (OK): Fair and fundamental. MajGen Cecil E. Fox. illus Def Mgt J 16:52-55 First Quarter '80

The scope of bargaining under the Civil Service Reform Act of 1978. Capt Ralph J. Capio. AF Law Rev 20, No. 4:493-500 '78

LABORATORIES

See also specific types of laboratories, e.g., Medical Laboratories

also laboratories by name, e.g.,
Air Force Armament Laboratory
Air Force Avionics Laboratory
Naval Research Laboratory

Financial management of laboratory contracts. TIG Brief 31:21 Dec 21 '79

Human engineering: Man, machine, mission. (Army's Human Engineering Laboratory) SgtMaj Bruce N. Bant. illus Soldiers 35:24-26 Feb '80

Keep our energy options open. (Research at Sandia National Laboratories) James Howard Scott. illus Def Trans J 36:25-31 Apr '80

Navy (Naval Ocean Systems Center's) Microelectronics Laboratory sparks IC advances. John D. Shea. illus Def Elect 12:71-72+ May '80

R&D project marketing in the defense laboratories. Robert Munk. tabs Def Sys Mgt Rev 3:84-96 Spring '80

LAIRD, Melvin R.

Laird: Only six percent of U.S. forces 'ready now'-- but there's also a six percent solution. James D. Hessman. Sea Power 23:39-40+ Oct '80

Laird policy paper: Pay held responsible for retention problem. AF Times 40:4 Feb 4 '80

Melvin Laird vs Harold Brown. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 8 '80

Military personnel problems reach crisis stage-- Laird proposes sweeping compensation reforms as 'partial solution.' Melvin R. Laird. Sea Power 23:23-28 Mar '80

People, not hardware--the highest defense budget priority. Melvin R. Laird. por Armed Forces J Intl 117:60-66 Mar '80

LAND BRIDGE see RailroadsLAND WARFARE

Bypassed enemy forces and the corps attack. Maj Joseph J. Angsten, Jr. illus Mil Rev 60:69-74 Jan '80

Hit hard, fast and keep movin'! Steve Abbott. illus Soldiers 35:15-17 Aug '80

How far back is the rear? Capt Karen L. Frey. illus Mil Rev 60:64-66 Feb '80

A new model for land warfare: The firepower dominance concept. LtCol Robert S. Fairweather, Jr. AU Rev 32:79-87; Responses. LtCol Dennis M. Drew and Maj James M. Simpson. 32:87-92 Nov-Dec '80

Tank--war machine for land combat. Joseph E. Backofen, Jr. illus Armor 89:10-12 Jan-Feb '80

LANDING CRAFT

From bayou to beachhead: The Marines and Mr. Higgins. Maj John W. Mountcastle. illus tabs Mil Rev 60:20-29 Mar '80

LANDING GEAR see Airplanes, Military--Landing GearLANDING OPERATIONS see Amphibious OperationsLANDS, PUBLIC see Property, GovernmentLANE, Howard M.

Improving the IG system. (Comments at 1979 USAF Worldwide Inspection Conference, Norton AFB, CA) LtGen Howard M. Lane. TIG Brief 32:1-2 Mar 7 '80

LANGEN, Joseph H.

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Executive Communication (Area VI). CDR Joseph H. Langen. por AF Compt 14:40-41 Apr '80

LANGENBERG, William H.

What price vigilance? The Kormoran-Sydney battle. RADM William H. Langenberg. por Nav War Col Rev 33:78-84 Jan-Feb '80

LANGUAGE AND LANGUAGES

ATLAS (Abbreviated Test Language for All Systems)-- the new direction in automatic testing. CW3 Dennis A. Harris. illus tab Air Def Mag, pp 7-11, Jan-Mar '80

"Aks the man if I be goin'": Roots of Black English. Maj Lynn L. Sims. illus Mil Rev 60:30-32 Feb '80

English--a valedictory. Argus Tresidder. MarCor Gaz 64:16-18 Apr '80

A man of many words. (Platt La Comb, well-qualified linguist and intelligence research specialist at Goodfellow AFB, TX) Sgt Craig Pugh. illus Airman 24:30-33 Aug '80

UNIGEN--universal language of aviation. W.R. Franks and others. tabs Aviation, Space & Envmt Med 51: 339-343 Apr '80

LANGUAGE SCHOOLSArmed ForcesSee also

Defense Language Institute

LAOS

Two scorpions in a cup: America and the Soviet airlift to Laos. Capt Earl H. Tilford, Jr. illus maps Aerosp Hist 27:151-162 Sep '80

LaROCQUE, Gene R.

The race to nuclear war: Three statements. RADM Gene R. LaRocque and others. Def Monitor 9, No. 6: entire issue '80

LARSON, Doyle E.

Electronic Security Command. por AF Mag 63:78-79 May '80

LASERSSee also

Beam Weapons

ARBS: The Angle Rate Bombing System. CDR C.N. Sapp. illus US Nav Inst Proc 106:99-100 Nov '80

Air Force C³ technologies. LtGen Robert T. Marsh. illus Signal 35:32-36 Sep '80

Army guns to fire laser-guided projectiles. illus Def Elect 12:28-29 Aug '80

The Barr & Stroud DF3 fire-control system. J.M. Ballantine. illus Intl Def Rev 13, No. 4:536-538 '80

Battlefield lasers: A new problem with an old cure. LtCol Douglass P. Bacon. illus tab Mil Rev 60: 33-39 Oct '80

Body parts by computer--laser dots recorded in unique video link. Beth Pyndus. illus AF Times 41:37 Oct 27 '80

Command, control and communications in the future. (Presentation, 16th Annual Meeting, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 30-40, Aug '80

LASERS - Continued

- DFWES (Direct Fire Weapons Effects Simulation)--a new heliborne anti-tank simulation system. illus Intl Def Rev 13, No.2:257-258 '80
- Defence and the world of Islam: Adding the laser dimension. Joseph J. Malone. illus tabs Islamic Def Rev 5, No.2:32-37 '80
- Fighting with man-made lightning. Stefan Geisenhener. illus Asian Def J No.1:22-23+ Jan-Feb '80
- French Jaguars get laser guidance system. illus Asian Def J No.4:101-102 Jul-Aug '80
- Improving aircraft navigation through shared technology. Burrell W. Hays. illus Def Mgt J 16:35-37 First Quarter '80
- Lasers--beaming into a brighter future. SP5 Gary L. Kieffer. illus Soldiers 35:10-12 Oct '80
- Low energy lasers. George Gamota. illus tabs Natl Def 64:44-48+ Jun '80
- The new weapon? Laser and charged-particle beams. Doug Richardson. illus NATO's Fifteen Nations 24:66+ Dec '79-Jan '80
- "Phasers, lasers and blazers." Maj G.R. Hepfner. illus Combat Crew 30:22-23 May '80
- Quick or dead? MILES (Multiple Integrated Laser Engagement System) tells which one you'll be. MSgt Matt Glasgow. illus Soldiers 35:11-12 Jul '80
- Rifleman training systems--preparing the infantryman to fight. Edward C. Ezell. illus tabs Intl Def Rev 13, No.5:707-711 '80
- Safeguarding nuclear material: Transportation and storage--a training exercise for DOE personnel with M-16 rifles. David A. Kolman. illus Def Trans J 36:38-40 Apr '80
- Space-age shootout. (AF SPs + MILES (Multiple Integrated Laser Engagement System) equal realistic training) Maj Anthony Lynn Batezel. illus Airmen 24:2-7 Nov '80
- Strategic laser communications. CDR Thomas F. Wiener. illus tab Signal 35:43-48 Sep '80
- USAF testing laser system. Signal 34:97 Feb '80
- Why one's strengths are another's weaknesses in the PGM match-up. tabs Govt Exec 12:22+ Apr '80

LATIN AMERICA

- New hemispheric realities: Latin America outgrows U.S. policy. William Perry. Intl Sec Rev 5:43-56 Spring '80
- Peacekeeping and the Inter-American system. LtCol John Child. Ret. tabs Mil Rev 60:40-54 Oct '80

Foreign Relations

- Arms and the Southern Cone: How defense activity grew in 1979. David Harvey. illus Def & For Aff 8, No.1:28-32+ '80

United States

- Latin American and Caribbean issues: 1980. Ben S. Stephansky. AEI For Plcy & Def Rev 2, No.5: 23-27 '80

LATIN AMERICA - ContinuedForeign Relations - Cont'dUnited States - Cont'd

- Reshaping U.S. regional policy. Francis X. Gannon. AEI For Plcy & Def Rev 1, No.6:21-26 '79
- Security to the south: U.S. interests in Latin America. Margaret Daly Hayes. Intl Sec 5:130-151 Summer '80

Strategic Importance

- Are the Americas ready to work together? Michael Morgan. illus Def & For Aff 8, No.1:6-11 '80

LAUNCH VEHICLES see BoostersLAW see

- | | |
|-------------------|--------------|
| Air Law | Maritime Law |
| International Law | Military Law |

LAWS AND LEGISLATION

- DOPMA goes to Carter's desk. AF Times 41:4 Dec 8 '80
- Excavation damage prevention programs. Charles H. Batten and Barry M. Sweedler. tabs Mil Engr 72: 328-332 Sep-Oct '80
- Federal employee picketing: Regulation of a privilege. Nicholas J. LoBurgio. AF Law Rev 21, No.2: 330-363 '79
- Finding all the regulations that apply, automatically! (Improving access to the Code of Federal Regulations) Charles Brown. Govt Exec 12:20-21 Jul '80
- The hidden flaw in the statutory attempt to cut down government's red tape. Govt Exec 12:21-23 Sep '80
- How many \$ changes didn't make it on Hill. Bruce Callander. AF Times 40:7 Feb 11 '80
- Is it bigger than a breadbox? An administrative law judge looks at cross-examination of experts. LtCol Isaac D. Benkin. AF Law Rev 21, No.2:364-375 '79
- It's official: 11.7% raise and benefits package. AF Times 41:1+ Sep 22 '80
- Pay, benefits laws: Here is rundown. AF Times 41:4 Sep 22 '80
- President signs Nunn-Warner. illus AF Times 41:2 Sep 22 '80
- Products liability and tort risk distribution in government contract programs. Maj Roger Dean Graham. tabs AF Law Rev 20, No.4:331-422 '78
- Qualified immunity for official acts. Maj Richard F. Rothenburg. AF Law Rev 21, No.3:432-449 '79
- Retired officers blast strictures. Paul Smith. AF Times 40:1+ Apr 28 '80
- The week in Congress. Regular feature in some issues of Air Force Times
- When General Dick took a look at the Dick Act. MajGen Charles Dick. (Reprinted from National Guard Magazine, January 1910) illus Natl Guard 34:22-25+ Jan-Feb '80

LAWYERS

CMA; No Art(icle) 15 legal counsel required. AF Times 41:10 Oct 27 '80

MAs (Mobilization Augmentees) on the move. Col Merlin R. Adams and LtCol Bernard V. Parrette. illus Air Reservist 33:10-11 Nov '80

LEADERSHIP

See also
Command

Candor in leadership. Capt Richard J. Joslyn, Jr. illus Mil Rev 60:31-33 Jul '80

The commander's creative activity. Gen I. Tretyak. illus Soviet Mil Rev No. 8:19-22 Aug '80

The credibility of fighter squadron supervisors. Capt John L. Barry. illus tabs AU Rev 31:35-44 Sep-Oct '80

Determination in battle. MajGen T. S. Hart. illus Armor 89:30-37 May-Jun '80

Drucker, Clausewitz and us ... Col Evelyn P. Foote. illus Mil Rev 60:51-54 Jul '80

The essence of Army leadership. Col Dandridge M. Malone. illus Mil Rev 60:30-36 Aug '80

Ethics in action. Maj Montgomery C. Meigs. Army 30:17-19 Aug '80

Fear in combat. Mid Michael F. Belcher. illus MarCor Gaz 64:49-53 Sep '80

A finger in every pie. LtCol Donald J. Myers. MarCor Gaz 64:28-30 Nov '80

The first commandment of leadership: Love thy soldier. Col Richard J. Kattar. illus Mil Rev 60:65-68 Jul '80

Flight lead responsibilities. illus TAC Attack 20: 22-24 Oct '80

Flight lead responsibilities. Maj Mike Ridnour. illus TAC Attack 20:4-6 Sep '80

Getting the job done without getting done in by the jobs. MajGen Richard C. Schulze. illus MarCor Gaz 64:42-46 Oct '80

Ike and his indispensable lieutenants. Martin Blumen-son. illus Army 30:50-54+ Jun '80

Individual and unit pride. CMSAF James M. McCoy. Airman 24:10 Aug '80

Individual replacements: There must be a better way. Cpts Edward R. Maher and Peter F. Kindsvatter. illus Army 30:37-40 May '80

Individualism and military leadership. Stanley L. Falk. illus AU Rev 31:96-101 Jul-Aug '80

Keeping our quality people. (Presentation, Daedalians Longhorn Flight Banquet, Bergstrom AFB, TX, Oct 16, 1979) Gen B. L. Davis. AF Plcy Ltr for Comdrs: Sup No. 1:35-40 Jan '80

Leadership. Capt Steven E. Cady. illus Mil Rev 60: 59-63 Aug '80

LEADERSHIP - Continued

Leadership. Sgt1C Edward J. Karnish. illus Mil Rev 60:40 Jul '80

Leadership: A return to basics. Gen Edward C. Meyer. illus Mil Rev 60:4-9 Jul '80

Leadership and the Infantry lieutenant. 1stLt Harold E. Raugh, Jr. illus Mil Rev 60:35-36 Jul '80

Leadership and you. TIG Brief 32:11 May 2 '80

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79; pt 3, 20:18-19 Jan '80

Leadership for renewal. (Prize Essay, 1980) Officer Candidate Glenn A. Daley. US Nav Inst Proc 106: 78-82 Jul '80

Leadership for the Army. Col Charles D. Bussey. illus Mil Rev 60:69-76 Jul '80

Leadership for the man-at-arms. ENS Jamie L. Smith. US Nav Inst Proc 106:76-77 Jan '80

Leadership forum. Regular feature in some issues of United States Naval Institute Proceedings

Leadership in today's Air Force. CMSAF James M. McCoy. illus AF Mag 63:64-65 May '80

Leadership: 'They' is us. TIG Brief 32:10 Jun 13 '80

Leadership through inspection: The positive approach. TIG Brief 32:3 Nov 14 '80

Leadership: Times are a changin'. Maj Clifford H. Bernath. illus Soldiers 35:6-10 Jun '80

Leading soldiers. Capt Mark H. Gerner. illus Mil Rev 60:41-43 Jul '80

LtGen Forrest speaks about leadership to Army Sec-tion (ROA). Officer 56:11 Aug '80

"Lots of blue ink on the readiness charts." Gen Fred-erick J. Kroesen. illus Army 30:64-69 Oct '80

Malaysian national security from the bureaucrat's eye: A preliminary analysis. Zara Dian. illus map tabs Asian Def J No. 4:8-10+ Jul-Aug '80

Managing soldiers: A personal philosophy of manage-ment. LtCol Joel E. L. Roberts. illus tab Mil Rev 60:44-50 Jul '80

The military leadership grid. Robert R. Blake and others. (Reprinted from Military Review, June 1968) illus Mil Rev 60:13-26 Jul '80

Military leadership: Time for a change? LtCol Sam C. Sarkesian, Ret. illus Mil Rev 60:16-24 Sep '80

Military minds. Fred Reed. (Reprinted from Wash-ington Post, Oct 2, 1979) Signal 34:69 Jan '80

Military service: The profession of arms. MajGen L. W. Svendsen, Jr. TIG Brief 32:1-2 May 30 '80

Moral courage and leadership. Capt Ronald B. Helle. illus MarCor Gaz 64:25-26 Nov '80

Moral leadership. VADM James B. Stockdale, Ret. illus US Nav Inst Proc 106:86-89 Sep '80

The national purpose. Norman A. Graebner. illus Parameters 10:10-19 Mar '80

LEADERSHIP - Continued

- Notes on leadership for the 1980s. MajGen Walter F. Ulmer, Jr. illus Mil Rev 60:10-12 Jul '80
- Officers are to blame for the all-vol crisis. Robert H. Kimball. illus AF Times, Times Magazine sup:14+ Jul 7 '80
- On the science of leadership. Col William S. Hollis. illus Mil Rev 60:67-74 Sep '80
- Personality characteristics of male and female leaders at the U.S. Military Academy. Maj Jerome Adams and others. tabs J Pol & Mil Sociol 8:99-105 Spring '80
- The power of a servant leadership. Ch(MajGen) Richard Carr. TIG Brief 32:2 Nov 28 '80
- Preparing for war: Administrative/logistics systems program review. Robert P. Smith. illus Mil Rev 60:67-70 Dec '80
- Principle and practices of leadership. Gen George V. Underwood, Jr, Ret. (Adapted from Air Defense Magazine, Oct-Dec 1978) illus Asian Def J No.5: 91+ Sep-Oct '80
- Professional ethics is key to well-led, trained Army. Gen Edward C. Meyer. illus Army 30:11-14 Oct '80
- Reality-ritual-retention: The enlisted equation. Maj Thomas J. Pickering. illus Mil Rev 60:2-9 Dec '80
- The selection of modern warriors. (Report of a seminar, RUSI, May 17, 1979) Hugh L'Etang and others. RUSI J for Def Studies 124:11-18 Dec '79
- Soldier expectations. Capt Gardner M. Nason. illus Soldiers 35:11-13 Jun '80
- A tale about Socrates and Corporal Goss. Col W.R. Ledbetter. (Reprinted from Marine Corps Gazette, Aug 1979) Mil Rev 60:37-39 Nov '80
- Team building. Capt Dominic J. Izzo. illus Mil Rev 60: 55-57 Oct '80
- To serve with honor. Maj Richard A. Gabriel. illus Army 30:17-21 May '80
- Transforming leadership. Col Lawrence A. Smith, Ret. illus Mil Rev 60:28-29 Jul '80
- Turning away from managerialism: The environment of military leadership. LtCol Paul L. Savage, Ret and Maj Richard A. Gabriel. illus Mil Rev 60:55-64 Jul '80
- Unity of political and military leadership. N. Gusev. Soviet Mil Rev No.6:29-31 Jun '80
- The Vice Chief: Team player extraordinary. Martin Blumenson. illus tabs Army 30:34-37 Nov '80
- Who's got the stick? Or--Bear's theory of fighter aviation. Maj Gary L. Sholders. illus Aerosp Safety 36:8-11 Mar '80
- Who's your flight commander? LtCol Delbert F. Miller. illus TAC Attack 20:10-12 Dec '80
- 'You fight like you train.' Mark E. Berent. illus AF Mag 63:44-49 Dec '80

LEAF, Howard W.

- Air Force Test and Evaluation Center. por AF Mag 63:122 May '80
- IG: 'Sustainability' is the new byword. Interview. LtGen Howard W. Leaf. AF Times 41:2 Oct 6 '80

LEARNINGSee also

Programmed Learning

Dynamics of small learning groups. John A. Kline. illus Educ J 22:19-24 AY '79/'80

Using questions for learning. Capt Janet S. Williamson. Educ J 22:27-31 AY '79/'80

LEAVE, MILITARY

Advance leave. TIG Brief 32:11 Jul 25 '80

Field told, don't bank leave. Len Famiglietti. AF Times 41:3 Aug 4 '80

Going on leave? Try a 50% air discount. Len Famiglietti. AF Times 41:4 Dec 1 '80

House panel (Armed Services Subcommittee on Compensation) approves o'seas pay/leave plan. Martha Lynn Craver. AF Times 40:1+ Jun 30 '80

Leave policy and procedures. TIG Brief 32:8 Feb 22 '80

'Military leave' pay still is unresolved. AF Times 41:14 Oct 27 '80

Troops at remote stations getting new flight priority. Len Famiglietti. AF Times 40:3 Apr 28 '80

LEE, Henry

A master of cavalry--"Light Horse Harry" Lee. Capt John Weisz. por Armor 89:36-38 Sep-Oct '80

LEGAL AIDSee also

Lawyers

... JAGDR (Judge Advocate General's Department Reserve) to the rescue. Maj Robert R. Gales. illus Air Reservist 32:11 Mar '80

A year later, DOD backs plan providing legal aid. AF Times 40:24 Jun 2 '80

LEGISLATION see Laws and LegislationLeMAY, Curtis E.

Strategic air power: Destroying the enemy's war resources. 2. The command realities. Gen Curtis E. LeMay, Ret. por Aerosp Hist 27:9-15 Mar '80

LENIN, Vladimir I.

Central Lenin Museum. por Soviet Mil Rev No.11: 13-15 Nov '80

The city of Lenin remembers Lenin. T. Ankina. Soviet Mil Rev No.4:6-9 Apr '80

The great thinker and revolutionary. por Soviet Mil Rev No.3:2-13 Mar '80

LENIN, Vladimir I. - Continued

"Here every stone remembers Lenin ..." (Moscow Red Square) G.Nikolayev and L.Glushkova. Soviet Mil Rev No.1:30-33 Jan '80

Lenin (House-Museum) in Gorki. illus Soviet Mil Rev No.9:8-10 Sep '80

Leninism triumphant. Soviet Mil Rev No.1:2-4 Jan '80

The Leninist peace policy in action. V.Yefremov. Soviet Mil Rev No.2:48-50 Feb '80

Lenin's principles of Soviet military construction. Maj-Gen V.Novikov and Col N.Kuznetsov. Soviet Mil Rev pt 1, No.4:2-5 Apr '80; pt 2, No.5:15-17 May '80

Toward an estimate of the Soviet worldview. Daniel S.Papp. Nav War Col Rev 32:60-77 Nov-Dec '79

V.I.Lenin and party-political work in the Red Army. MajGen P.Isakov. Soviet Mil Rev No.2:7-9 Feb '80

LESSONS LEARNED (MILITARY) see as subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Lessons Learned (Military)

LIABILITY

Legal liability in genetic counseling and testing. Capt Jeffery L.Grundtisch. AF Law Rev 21, No.3:462-472 '79

The product liability problem. Emanuel Kintisch. illus Natl Def 65:40-46 Aug '80

Qualified immunity for official acts. Maj Richard F. Rothenburg. AF Law Rev 21, No.3:432-449 '79

Test program will limit liability on 'lost' property. Don Mace. AF Times 41:3 Dec 1 '80

Laws and Regulations

Action on the Federal Tort Claims Act. Natl Guard 34:34-35 Jul '80

Products liability and tort risk distribution in government contract programs. Maj Roger Dean Graham. tabs AF Law Rev 20, No.4:331-422 '78

LIAISON

The vital link--the aviation liaison officer. 1stLt Keith E.Sims. tabs USA Avn Dig 26:28-29 May '80

LIBRARIESAir Force

Library (at McConnell AFB, KS) raises status (as active member of a local and state resource sharing program). AF Times 41:38 Nov 3 '80

Publications management: An opportunity to conserve. TIG Brief 32:21 Jul 25 '80

Army

A magic kingdom. (Your local Army library) Diana C. Proeschel. illus Soldiers 35:19-21 Jun '80

LIBYAForeign RelationsRussia

Soviet military presence in Libya. Yossef Bodansky. Armed Forces J Intl 118:89-90+ Nov '80

LIDDELL HART, Basil H.

The Liddell Hart wargame. J.B.Poole. Army Qtr 109:42-47 Jan '79

Marines and strategy. Capt B.H.Liddell Hart. MarCor Gaz 64:22-31 Jan '80

LIFE AND DEATH

Plan for tomorrow ... Helen Kay Ellsworth. tabs Soldiers 35:50-52 Jul '80

Tragedies can be prevented. Col Stanley P.Schneider. illus TAC Attack 20:15 Feb '80

Will power. MSgt Matt Glasgow. illus Soldiers 35:53 Jul '80

LIFE CYCLE COSTING see Cost Effectiveness

LIFE INSURANCE see Insurance, Life

LIGHT, James E., Jr

"Productivity"--a direct link to communication. MajGen James E.Light, Jr. por Combat Crew 30:2-3 Sep '80

LIGHT

Shades of gray. (Photochromic glasses) MAC Flyer 27:23 Mar '80

LIGHT AIRBORNE MULTI-PURPOSE SYSTEM see Helicopter Type--SH-2; SH-60

LIGHTERS see Barges

LIGHTINGSee also

Airports--Landing Aids
Airplanes, Military--Lighting
Helicopters--Lighting
Helicopters, Military--Lighting

LIGHTNING

Lightning can be frightening. LtCol Robert J.Hough. Combat Crew 30:24 Aug '80

Lightning 'R' us. Maj Tony Helbling. illus Aerosp Safety 36:13 Jul '80

Toledo inferno. SSgt Joseph E.Snider. illus Air Reservist 32:23 Jun '80

When lightning strikes. (Condensed from Combat Crew, May 1965) illus Combat Crew 30:8-11 May '80

LIMITED WAR

The institution of sanctuary and the future war in Europe. Pervaiz Iqbal Cheema. Islamic Def Rev 5, No.3:15-19 '80

LIMITED WAR - Continued

Limited U.S.-Soviet conflict and the RDF. F.J. West, Jr. illus MarCor Gaz 64:39-46 Aug '80

Limited war and the War Powers Resolution. Maj A.J. Ponnwitz. illus MarCor Gaz 64:35-41 Oct '81

LINDBERGH, Charles A.

When honor conflicts with duty. LtCol George M. Hall. por AU Rev 31:45-60 Sep-Oct '80

LIPPINCOTT, Henry F., Jr

"Holistic" grading of student writing. LtCol Henry F. Lippincott, Jr. Educ J 22:32-36 AY '79/'80

LIPPOLD, Herbert R., Jr

The National Ocean Survey--planning for the future. RADM Herbert R. Lippold, Jr. por Mil Engr 72: 25-29 Jan-Feb '80

LITERACY see IlliteracyLOADING AND UNLOADINGSee also

Airplanes, Military--Loading and Unloading
Ships--Loading and Unloading

Cargo cowboys. (National aerial port championship)
Maj Kim McDonald. illus Air Reservist 32:10-11 Jul '80

LOANS, HOME

Buying a home--the American dream. illus tabs Soldiers 35:20-23 May '80

Going VA--it may not be your key to home ownership. Thomas Slear. illus AF Times, Times Magazine sup:22-24 Oct 6 '80

Home-buying tips. Capt Harvey F. Seegers. MarCor Gaz 64:24-25 Oct '80

Home mortgages: HUD and DOD end loan plan. AF Times 40:14 Apr 21 '80

LOANS, PERSONAL

AFAS student loans reach \$5.6 million. AF Times 40:15 Jul 7 '80

DOD backs student loan forgiveness. Tom Philpott. AF Times 40:17 Jan 28 '80

DOD may pay student loans for key EM. Paul Smith. AF Times 41:3 Oct 27 '80

Lending by AFAS to reach \$6M. Don Mace. AF Times 40:28 Mar 3 '80

LOGISTICSSee also

Integrated Logistic Support
Movement Control

Transportation, Military
also subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Logistics
World War II--Logistics

The Annals of the Society of Logistics Engineers.
Regular feature in some issues of Logistics Spectrum

LOGISTICS - Continued

Distributed data processing: A new computer technology. James J. Eder. illus Log Spectrum 14: 21-23 Spring '80

Logisticians of everyday life. Log Spectrum pt 1, 13:44-45 Winter '79; pt 2, 14:26-28 Spring '80

Logistics around the world. Regular feature in some issues of Logistics Spectrum

Logistics--dilemma of developing nations. Col Syed Fazal-ur-Rahman. illus map Army Log 12:26-29 Jan-Feb '80

Military power, strategy, and national security. (Condensed from address, Boston Chapter, SOLE, Feb 20, 1980) RADM Henry E. Eccles, Ret. Log Spectrum 14:17-19 Summer '80

National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80

Word processing for logistics. John Seymour. Army Log 12:27 May-Jun '80

History

Napoleon's defeat in Russia: The logistics perspective. Capt George M. Stephenson. illus map Army Log 12:20-23 Mar-Apr '80

Study and Teaching

A challenge for the logistics profession. (Address, Dayton Chapter, SOLE, Dec 6, 1979) MajGen G. E. Cooke. Log Spectrum 14:19-21 Summer '80

Logistics education symposia. Richard Lancioni. tab illus Log Spectrum 14:22-24 Fall '80

SOLE's certification program. Benjamin S. Blanchard. illus tabs Log Spectrum pt 1, 14:7-11 Fall '80

Teleteach: How to stretch the classroom coast to coast. illus Govt Exec 12:44+ Apr '80

Air Force

Air Force logistics doctrine. Maj James D. Gorby. illus AF J Log 4:24-30 Winter '80

Air Force takes to sea. illus Def Trans J 36:27-29 Jun '80

An analysis of Air Force logistics shortfalls of the Vietnam buildup of 1965-68. LtCol John T. Quirk. tabs AF J Log 4:3-8 Fall '80

Career and personnel information. Regular feature in issues of Air Force Journal of Logistics

Career enhancement for Air Force civilian logisticians. Mel Waldgeir. Log Spectrum 14:11-12 Spring '80

A dispersal concept for future V/STOL aircraft in RAF Germany. WgComdr J.S. Jones. Hawk No.40: 39-45 Feb '80

"Do-it-yourself" logistics engineering in Strategic Air Command. Col James K. Streett. AF J Log 4:18-19 Spring '80

506 civilians picked for Logistics (Executive) Cadre. AF Times 41:28 Oct 27 '80

LOGISTICS - ContinuedAir Force - Cont'd

- Impact of repair level analysis on future operational logistics support. Richard L. Henshaw. AF J Log 4:21-22 Fall '80
- The languishing link in combat readiness. Gen T.R. Milton, Ret. AF Mag 63:55 Apr '80
- Logistic capability stressed. (Excerpts from address, Air Section, ROA National Council Meeting, Washington, Feb 1980) LtGen Billy M. Minter. illus Of-ficer 56:13 May '80
- The logistics challenges of deploying a CONUS joint task force. Maj Stephen G. Crane. illus tab AF J Log 4:13-18 Fall '80
- Logistics chiefs worry about 1995. AF Times 40:17 May 5 '80
- Logistics long-range planning. LtCol Robert H. Thompson. AF J Log 4:11-12 Fall '80
- Logistics support of nuclear hardened systems. George H. Kawanishi. illus tab AF J Log 4:25-27 Summer '80
- Logistics: We have work to do. (Presentation, Air Force Assoc Airpower Symposium, Chicago, March 1, 1980) Gen Bryce Poe II. AF Pley Ltr for Comdrs: Sup, pp 23-28, May '80
- The use of minicomputers in MAJCOM logistics management. Maj James D. Burnett and Capt Rodney L. Boatright. AF J Log 4:6-8 Spring '80
- (Warner Robins Air Logistics Center) Interview. MajGen John R. Spalding, Jr. illus Mil Elect/Countermeasures 6:16+ Mar '80
- What's new in lessons learned? Jeffrey R. Fox. AF J Log 4:12-13 Summer '80

Armed Forces

- The Joint Logistics Commanders: Another bureaucratic arrangement? Maj James P. Reynolds. illus charts Log Spectrum 14:27-30 Summer '80
- NAMSA: The NATO Maintenance and Supply Agency--its role in international logistics. Harry S. Spaulding. illus tabs NATO's Fifteen Nations 24:54+ Dec '79-Jan '80

Study and Teaching

- Realistic (transportation) training for (Army and Navy) Reservists (COLTT (Combined Operations Logistic Transportation Training) Exercise). Clyde Hall and others. illus Officer 56:17 Nov '80

Army

- Ammunition resupply. Capt Thomas G. Pratch. illus tabs Armor 89:16-19 Jan-Feb '80
- Army logistics challenges in the 1980's. Gen John R. Guthrie. tabs Log Spectrum 14:24-27 Summer '80
- Automated supply--a planner's view. Barry W. McDaniel. Army Log 12:6-9 Jan-Feb '80
- Automated supply--an operator's view. Maj Bloomer D. Sullivan. Army Log 12:6-10 Jan-Feb '80
- Autumn Safari logistics. LtCol Fred C. Cheatam. illus tabs Armor 89:30-35 Mar-Apr '80

LOGISTICS - ContinuedArmy - Cont'd

- Command and control at the DISCOM (3d Armored Division Support Command). LtCol Donald E.S. Merritt. illus Army Log 12:8-13 Jul-Aug '80
- A Delphi approach to wartime supply requirements. LtCol William H. Anckaitis. tabs Log Spectrum 14:5-10 Spring '80
- Division '86 forward support battalion--a proposal. Maj William W. Ryan. chart Army Log 12:10-12 Nov-Dec '80
- Division '86 logistics. Robert P. Smith. chart Army Log 12:2-5 Nov-Dec '80
- Division '86 logistics--another view. LtCol James G. McKnight. charts Army Log 12:6-9 Nov-Dec '80
- The division's logistician. Maj William J. Sidebottom. tab Army Log 12:31-33 Sep-Oct '80
- For logistics officers--the MOBDES (MOBilization DESignation) option. tab Army Log 12:17-19 Sep-Oct '80
- The forklifts of August. Capt Bruce P. Schoch. illus Army 30:42-43+ May '80
- Logistic readiness--a program for the future. LtCol David D. Skidmore. illus map Mil Rev 60:54-60 Apr '80
- Logistical support. Col G. Ivanchenko. illus Soviet Mil Rev No. 9:19-21 Sep '80
- Logistics and C³I. LtCol Jerry W. Betts, Ret. illus Army Log 12:26-29 Jul-Aug '80
- Logistics as a force multiplier. LtGen Arthur J. Gregg. illus Army 30:134-136 Oct '80
- Logistics doctrine in action. LtCol Donald E.S. Merritt. illus Army Log 12:10-15 May-Jun '80
- Logistics with a difference. (Soviet Army logistics capability) LtCol William P. Baxter, Ret. illus Army 30:29+ Nov '80
- Managing transportation for fuel savings. MajGen John D. Bruen. illus Army Log 12:2-5 Jan-Feb '80
- Operating a tactical marine terminal. Capt Roger W. McHenry. illus Army Log 12:20-23 Sep-Oct '80
- Readiness and strategic mobility. LtGen Arthur J. Gregg. illus Mil Engr 72:410-412 Nov-Dec '80
- Reserve readiness training. LtCol Herbert B. Quinn, Jr. illus Army Log 12:28-31 Mar-Apr '80
- Stud Cav: 34th Support Battalion. LtCol James E. Gauze and Capt Andrew M. Pekema. illus USA Avn Dig 26:5+ Jan '80
- Tactics of desperation: Rear area protection fits that description. Capt Bruce P. Schoch. illus Army Log 12:16-19 May-Jun '80

History

- U.S. Army logistics during the Mexican punitive expedition of 1916. Maj George A. Millard. illus map Mil Rev 60:58-68 Oct '80

Study and Teaching

- Flexibility in logistics education for the eighties. Col James E. Harris. tabs Signal 34:45-48 Jul '80

LOGISTICS - ContinuedArmy - Cont'dStudy and Teaching - Cont'd

Realistic training for Reservists--Sharpe Army Depot staff feature. Translog 11:8-9 Oct '80

Marine Corps

Higher priority for logistics. Capt R.C.Stout. illus MarCor Gaz 64:31-34 Nov '80

Maritime prepositioning: Long term solution--MPS (Maritime Prepositioning Ships). Col Eugene E. Shoults. illus tab MarCor Gaz 64:57-59 Aug '80

Maritime prepositioning: Near term fix--NTPS (Near Term Prepositioning Ships). Col R.A.Sulik. illus MarCor Gaz 64:52-56 Aug '80

National Guard--Army

Progress in training, readiness, manning. MajGen Emmett H.Walker, Jr. illus Army 30:150-155 Oct '80

Reserve Forces--Air Force

A touch of CL(a)SS (Combat Logistics Support Squadron). illus Air Reservist 32:6-7 May '80

LOW-ALTITUDE FLYING see Flight, Low-Altitude

LOYALTY

Professional ethics is key to well-led, trained Army. Gen Edward C.Meyer. illus Army 30:11-14 Oct '80

LUBRICATION AND LUBRICANTS

AOAP (Army Oil Analysis Program): There's gold in that there oil. James M.McGonigle. illus Army Log 12:34-36 Mar-Apr '80

LUBRICATION AND LUBRICANTS - Continued

Multipurpose CLP (Cleaner, Lubricant, Preservative and water displacer). MarCor Gaz 64:8 Dec '80

Recovering and recycling used synthetic oils. TIG Brief 32:13 Mar 21 '80

Restriction of grease for Liquid OXYgen (LOX) applications. TIG Brief 32:7 Mar 21 '80

Silicone grease can contaminate hydraulic oil. TIG Brief 31:3 Dec 21 '79

What's happening to waste POL (Petroleum, Oil, and Lubricants)? TIG Brief 32:20 Feb 8 '80

LUKENS, Leland K.

Tactical formation can be hazardous to your health. BrigGen Leland K.Lukens. Aerosp Safety 36:27 Nov '80

LYNCH, George C.

Air Force Accounting and Finance Center. por AF Mag 63:102 May '80

Directorate of Accounting & Finance. MajGen George C.Lynch. por AF Compt 14:29 Oct '80

(MajGen George C.Lynch) wears two stars now! por blog AF Compt 14:46 Apr '80

Notes from the Director of Accounting & Finance. BrigGen George C.Lynch. por AF Compt 14:27 Jan '80

Notes from the Director of Accounting & Finance. MajGen George C.Lynch. por AF Compt 14:39 Apr '80

Notes from the Director of Accounting & Finance. MajGen George C.Lynch. por AF Compt 14:28 Jul '80

MAAG see Military Assistance Advisory Group

MAC see Military Airlift Command

MARS see Military Affiliate Radio System

MAST (Military Assistance to Safety and Traffic)

MAST anniversary. map USA Avn Dig 26:7 Jul '80

Mission of mercy. Maj Burl L. Eastepp, Jr. illus
USA Avn Dig 26:24-25 Apr '80

Shortcut to survival. Capt Dick Sheffield. illus Air-
man 24:44-48 Jul '80

MICOM see Missile Command

MILPERCEN see Army Military Personnel Center

MLS see Microwave Landing Systems

MSC see Military Sealift Command

MTMC see Military Traffic Management Command

MacARTHUR, Douglas

MacArthur as maritime strategist. Clark G. Reyn-
olds. Nav War Col Rev 33:79-91; Comments. Stan-
ley L. Falk. 33:92-99; Commentary. Gerald E.
Wheeler. 33:99-102 Mar-Apr '80

MacArthur's lapses from an envelopment strategy in
1945. D. Clayton James. Parameters 10:26-32
Jun '80

The race to nuclear war: Three statements. RADM
Gene R. LaRocque and others. por Def Monitor 9,
No. 6; entire issue '80

When honor conflicts with duty. LtCol George M. Hall.
por AU Rev 31:45-60 Sep-Oct '80

McCOY, James M.

Improving the retention rate. CMSAF James M.
McCoy. TIG Brief 32:2 Jun 27 '80

Individual and unit pride. CMSAF James M. McCoy.
Airman 24:10 Aug '80

Individual pride--unit pride. CMSAF James M.
McCoy. AF Plcy Ltr for Comdrs: Sup, pp 13-14,
Jul '80

Leadership in today's Air Force. CMSAF James M.
McCoy. por AF Mag 63:64-65 May '80

The McCoy who's real. (CMSAF James M. McCoy)
SMSgt Dave Sheeder. por Airman 24:17-22 May '80

To serve my fellow men in blue. (Interviews with
CMSAFs) K. Thuermer. por Sergeants 18:14-18
Feb '80

MACHINE GUNS

New weapon is being tested. MarCor Gaz 64:6 Dec '80

Revolution in individual firearms--from 7.62 to 5.56.
illus Armada Intl 4:62+ Jul-Aug '80

Two new pods for 7.62 and 12.7-mm machine guns.
Lt-Col P. Crèvecoeur. illus Intl Def Rev 13, No. 5:
758-759 '80

MACHINE GUNS - Continued

The Uru submachine-gun. Ronaldo S. Olive. illus tab
Intl Def Rev 13, No. 7:1117-1118 '80

McINERNEY, James E., Jr

Air Force programs: An overview. (Presentation,
Baltimore, March 24, 1980) MajGen James E.
McInerney, Jr. AF Plcy Ltr for Comdrs: Sup,
pp 34-40, May '80

McINTYRE, James T., Jr

(Overall defense budget situation and concerns and
goals in the area of comptrollership) (Address,
American Society of Military Comptrollers, San
Antonio, May 23, 1980) James T. McIntyre, Jr.
por Armed Forces Compt 25:5-7 Aug '80

McKNIGHT, Clarence E., Jr

The Army's national role in NATO communications.
MajGen Clarence E. McKnight, Jr. illus tabs map
Signal 35:43-46+ Dec '80

MacLAREN, William G., Jr

Air Force telephone communications: Vintage systems
--getting better. BrigGen William G. MacLaren,
Jr. TIG Brief 32:2 Nov 14 '80

Base communications improvements for the 1980s.
BrigGen William G. MacLaren, Jr. Signal 35:19-21
Nov '80

McNAIR, Lesley J.

The educator of the Army (LtGen Lesley J. McNair).
Brooks E. Kleber. por Army 30:50-54 Jul '80

McNAMARA, Robert S.

McNamara at the Pentagon. BrigGen Douglas Kin-
nard, Ret. Parameters 10:22-31 Sep '80

MADELIN, Ian

The emperor's close air support. GpCapt Ian Madelin.
AU Rev 31:82-86 Nov-Dec '79; Comment. MajGen
John E. Ralph. 31:95-96; Comment. LtCol Robert
B. Savage, Jr. 31:96-100; Comment. Maj Patrick
J. Finneran, Jr. 31:100-103; Comment. Maj Law-
rence G. Kelley. 31:103-104; Response. GpCapt
Ian Madelin. 31:104-105 May-Jun '80; Comment.
Maj Michael O. Beck. 31:97-101 Sep-Oct '80

What is close air support? GpCapt Ian Madelin. (Re-
printed from Air University Review, Nov-Dec
1979) illus Armor 89:16-21 Jul-Aug '80

MAGNESIUM see Metals

MAGNETRONS see Electron Tubes

MAGNETS AND MAGNETISM

ADF (Automatic Direction Finding) magnetic bearing
rendezvous. Capt Tom R. Konecny. illus tabs Nav-
igator 27:24-26 Summer '80

MAHAN, Alfred T.

Is Mahan still valid? Thomas H. Etzold. por US Nav
Inst Proc 106:38-43 Aug '80

MAHAN, Alfred T. - Continued

Mahan and Theodore Roosevelt: The assessment of influence. CDR Michael T. Corgan. Nav War Col Rev 33:89-97 Nov-Dec '80

Soviet seapower in light of Mahan's principles. ENS Frank C. Pandolfe. por US Nav Inst Proc 106:44-46 Aug '80

MAINTENANCE AND REPAIRSee also

Aircraft Maintenance

Missile Maintenance

also subdivision Maintenance and Repair under specific subjects

Air Force engineering in the 1980's. MajGen William D. Gilbert. illus charts Mil Engr 72:15-18 Jan-Feb '80

Air Force maintenance--issues and challenges for the eighties. Maj Gene E. Townsend. illus AF Mag 63:56-61 Jan '80

Computerized maintenance management--today. (Presentation, 1979 Annual Conference, Instrument Society of America) Joseph D. Patton, Jr. illus Log Spectrum 14:29-32 Spring '80

Cutting behind the cutting edge. illus Def & For Aff 8, No. 2:42-43 '80

Deficiencies in newly repaired or overhauled parts. TIG Brief 32:9 Aug 8 '80

Flag rank quarters cost too much, auditors say. AF Times 41:6 Aug 25 '80

The key to readiness: O&M. LtGen Hans H. Driess-nack. illus tabs AF Mag 63:57-63 Oct '80

Logistics with a difference. (Soviet Army logistics capability) LtCol William P. Baxter, Ret. illus Army 30:29+ Nov '80

Maintenance: Past and present. Martin Reuss. illus Army Log 12:2-6 Mar-Apr '80

Maintenance: Who failed? TIG Brief 32:5 May 16 '80

The Materiel Deficiency Reporting (MDR) system: A bit of philosophy. TIG Brief 32:9-10 Dec 12 '80

NAMSA: The NATO Maintenance and Supply Agency--its role in international logistics. Harry S. Spaulding. illus tabs NATO's Fifteen Nations 24:54+ Dec '79-Jan '80

Production Oriented Maintenance Organization (POMO). TIG Brief 32:9 Mar 7 '80

Reparable round-robin. TIG Brief 32:5 Apr 4 '80

Retail SAMS (Standard Army Maintenance System). Maj Dennis K. Jackson. illus Army Log 12:17-19 Nov-Dec '80

Supplying Europe with repair parts. LtCol James K. Hitch. illus Army Log 12:24-26 May-Jun '80

U.S. military readiness--robbing Peter to pay Paul. Wayne A. Schroeder. illus tab Mil Engr 72:400-403 Nov-Dec '80

Upgrade/Cross Utilization Training (CUT). TIG Brief 32:8 Mar 7 '80

MAINTENANCE AND REPAIR - ContinuedCosts

Repair of damaged property by Air Force facilities. TIG Brief 32:9 May 2 '80

History

Air Force maintenance--issues and challenges for the eighties. Maj Gene E. Townsend. illus AF Mag 63:56-61 Jan '80

MAINTENANCE MANAGEMENT see Maintenance and Repair

MALAYSIA

Malaysia in the 'seventies: Communist resurgence and government response. SqLdr J. Clementson, Ret. RUSI J for Def Studies 124:50-57 Dec '79

Politics and Government

Malaysian national security from the bureaucrat's eye: A preliminary analysis. Zara Dian. illus map tabs Asian Def J No. 4:8-10+ Jul-Aug '80

MAN-POWERED FLIGHT

Program manager--endangered species? (Gossamer Condor program) Lorrin C. Peterson. illus Natl Def 65:28-32 Aug '80

MANAGEMENTSee also

Configuration Management

Personnel Administration

ACTION: A case of mismanagement hard at work. tabs Govt Exec 12:34-35 Oct '80

The general manager of matrix organization. William C. Wall, Jr. illus Def Sys Mgt Rev 3:7-15 Spring '80

A look at the independence of Federal contract research centers. LtCol Timothy J. McGrath. illus Def Sys Mgt Rev 3:77-83 Spring '80

Military contributions to management. RADM Michael G. O'Connor, Ret and David S. Brown. illus Def Mgt J 16:50-57 Second Quarter '80

OERs: Management by objectives. Capt John E. Stevens. illus Mil Rev 60:9-13 Nov '80

Presidential Management Interns in the comptroller career field. Charles E. Leggott. illus tab Armed Forces Compt 25:26-29 Nov '80

Presidential Management Internships. Steven M. Shaker. illus tabs Def Mgt J 16:49-51 First Quarter '80

Reading computer programs as a managerial activity. Harlan D. Mills. Def Sys Mgt Rev 3:140-144 Summer '80

Staff men are finks--and other generalizations. Bert Karin. Def Sys Mgt Rev 3:16-27 Spring '80

Weapon system program acquisition requirements. TIG Brief 32:9 Oct 31 '80

Study and Teaching

The education-with-industry program. (Presentation, Education-with-Industry Symposium, Atlanta, Sep 15, 1980) James E. Williams, Jr. AF Plcy Ltr for Comdrs: Sup, pp 18-22, Oct '80

MANAGEMENT, MILITARY

See also

Configuration Management
Resource Management
Supervision
Supply Management
Weapon Systems Management

Base-level communications-electronics planning.
TIG Brief 32:21 Aug 29 '80

Blue/gold aircrew operations. LtCol Walter M. Patterson III. illus tabs Airlift Ops Rev 2:15-21 Jan-Mar '80

'Brush fires' vs planning: Training's silent 1 1/2 war. James K. McCollum. illus Army 30:30-32 Jan '80

Centrally managed allotments: A new name--but the problems remain. Lawrence W. Conrad. illus AF Compt 14:26-30 Apr '80

Centrally managed (open) allotments--can we expand their use? George H. Schafer. illus AF Compt 14:16-18 Jul '80

(Congress and DOD) (Remarks, Washington Chapter, American Society of Military Comptrollers, Sep 25, 1979) Rep Jack B. Brooks. illus Armed Forces Compt 25:12-13+ Feb '80

Cruise missile development: The competition is fierce--everywhere. tabs illus Govt Exec 12:22-24+ Jan '80

Diary of a paycheck. SP5 B.J. Small. illus Soldiers 35:47-49 Nov '80

The do-more-with-less syndrome: Teetering on the brink. Capt Kenneth C. Stoehrmann. tab AU Rev 32:103-108 Nov-Dec '80

Doing more with less ... can comptrollership meet the challenge? D. Cordell Smithfield. Armed Forces Compt 25:28-30 Feb '80

Drucker, Clausewitz and us ... Col Evelyn P. Foote. illus Mil Rev 60:51-54 Jul '80

Financial management's information gap--are two languages used? Thomas F. Galligan. illus AF Compt 14:24-26 Jul '80

The first commandment of leadership: Love thy soldier. Col Richard J. Kattar. illus Mil Rev 60:65-68 Jul '80

From theory to action: Implementing job enrichment in the Air Force. LtCols Denis D. Umstot and William E. Rosenbach. illus AU Rev 31:74-81 Mar-Apr '80

GOs, O-6s to get base feedback. Len Famiglietti. AF Times 41:1+ Aug 25 '80

Harpoon: A PGM case-in-point of program mismanagement. C.W. Borklund. illus Govt Exec 12:18+ Jan '80

How AFSC's "SMART" (Summary Management Assessment Review Trends) is making the generals "smarter." illus Govt Exec 12:56+ Mar '80

How an AFO plans for operations under emergency conditions. Maj Ronald A. Dice. illus AF Compt 14:44-47 Jul '80

Input data: The critical part of the cost/schedule control systems criteria. TIG Brief 32:19 Aug 29 '80

MANAGEMENT, MILITARY - Continued

Inspection results: A management tool. TIG Brief 32:3-4 Jun 13 '80

Leadership for the Army. Col Charles D. Bussey. illus Mil Rev 60:69-76 Jul '80

Looking to the long run. (Navy's Long Range Planning Group) CDR Gordon G. Riggle. illus US Nav Inst Proc 106:60-65 Sep '80

Luftwaffe planning for the 1990s. C. Regulus. illus Intl Def Rev 13, No.4:491-494 '80

MMIP (Maintenance Management Improvement Program): Get with the program! Capt Gardner M. Nason. illus Soldiers 35:14 Jul '80

Management Effectiveness Inspections (MEIs). TIG Brief 32:3 Jun 13 '80

The mission ... and the man. LtCol Jim Bustle. tabs TAC Attack 20:4-7 Aug '80

Notes from the Air Force Comptroller Management Engineering Team. LtCol Robert V. Peacock. illus AF Compt 14:42 Apr '80

Notes from the Air Force Comptroller Management Engineering Team. LtCol Robert V. Peacock. illus AF Compt 14:33 Jul '80

OERs: Management by objectives. Capt John E. Stevens. illus Mil Rev 60:9-13 Nov '80

Operations and Maintenance (O&M) project programming. TIG Brief 32:10 Aug 29 '80

The pen is mightier than the sword--almost. Col Van L. Crawford, Jr. TIG Brief 32:2 Apr 18 '80

The "people" side of strategic deterrence: Why the draft won't solve the problem either. Govt Exec 12:22-24 Mar '80

Proficiency Aviators Limited case study--a comprehensive business management problem. Maj Harold E. Rafuse. tabs Educ J 22:68-80 AY '79/'80

Rated prioritization--setting the record straight. Col Henry Viccellio, Jr. Aerosp Safety 36:20-22 Jun '80

Reliable Shield--9th Infantry Division airspace management. Maj Herbert B. Long. illus Air Def Mag, pp 24-29, Apr-Jun '80

A ride in every type. Interview. Charles W. Snodgrass. AF Times 41:8 Sep 15 '80

September song. Maj Pete Abler. illus TAC Attack 20:24-25 Sep '80

So you wanna be the Brigade Three (S3) ... Maj John W. Braden, Jr and V. Paul Baerman. illus Mil Rev 60:47-59 Sep '80

Sound management: The key to security. John A. Hewitt, Jr. TIG Brief 31:1-2 Dec 21 '79

Spotlight on senior and staff officer EW training. Capt Carl S. Guinsler. illus Navigator 27:14-15 Summer '80

The true school of the lieutenant. Cpts Thomas R. Rozman and William A. Saunders. illus Infantry 70:16-18 Jul-Aug '80

MANAGEMENT, MILITARY - Continued

Turning away from managerialism: The environment of military leadership. LtCol Paul L. Savage, Ret and Maj Richard A. Gabriel. illus Mil Rev 60:55-64 Jul '80

What happens when the boss is a woman. Marianne Lester. illus tab AF Times, Times Magazine sup:4-8+ Jan 14 '80

Why "precision guided munitions" is plural, not singular. C.W. Borklund. illus tab Govt Exec 12:41+ Mar '80

Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80

Winning through teamwork. TIG Brief 32:6 Sep 12 '80

You can't run an army like a corporation. Col D.M. Malone and Donald D. Penner. illus Army 30:39-41 Feb '80

Study and Teaching

Teleteach: How to stretch the classroom coast to coast. illus Govt Exec 12:44+ Apr '80

MANAGEMENT ANALYSIS

Directorate of Cost & Management Analysis. Col Donald G. Kane. illus AF Compt 14:22 Oct '80

Management needs analysts. Capt Michael Weitman. illus AF Compt 14:38-39 Oct '80

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:12 Jan '80

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:32 Apr '80

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 14:22 Jul '80

Notes from the Palace Dollar team: Enlisted career management in Palace Dollar. SSgt Bob Hake. illus tabs AF Compt 14:37 Apr '80

Personal management review. TIG Brief 32:12 Feb 8 '80

Spending sprees faulted. AF Times 41:7 Aug 25 '80

You can't run an army like a corporation. Col D.M. Malone and Donald D. Penner. illus Army 30:39-41 Feb '80

MANAGEMENT IMPROVEMENTSee also

Automation
Cost Effectiveness
Efficiency

Output Measurement
Resource Management

AAFES curbing abuses. AF Times 41:14 Oct 13 '80

Accreditation (by American Assoc of Airport Executives) raises professionalism in municipal airport management. Adele C. Schwartz. Govt Exec 12:36-37 Jun '80

An approach to effectiveness/productivity. Joseph J. Jablonski. illus tabs Armed Forces Compt 25:15-17+ Nov '80

MANAGEMENT IMPROVEMENT - Continued

Civil service reform: A chance to innovate; a mandate to improve. W. Graham Claytor, Jr. illus Defense/80, pp 14-18, Jun '80

Civil service reform: It's a matter of writing contracts among levels--then working them. Barbara Oganessoff. Govt Exec 12:29+ Dec '80

Computerized maintenance management--today. (Presentation, 1979 Annual Conference, Instrument Society of America) Joseph D. Patton, Jr. illus Log Spectrum 14:29-32 Spring '80

The DOD businessman: Why MANTECH (MANufacturing TECHnologies) is as important as new weapons. illus Govt Exec 12:34+ Sep '80

Doing more with less ... can comptrollership meet the challenge? D. Cordell Smithfield. Armed Forces Compt 25:28-30 Feb '80

The enemy of 'good' is 'better.' TIG Brief 32:15-16 Sep 26 '80

Enhancing Navy productivity. William B. Shaner. illus tabs Armed Forces Compt 25:4-7 Feb '80

Financial management of laboratory contracts. TIG Brief 31:21 Dec 21 '79

Financial management's information gap--are two languages used? Thomas F. Galligan. illus AF Compt 14:24-26 Jul '80

A form (AFTO 781A) in your future. Maj Dion W. Johnson. illus Aerosp Safety 36:10-11 Sep '80

Fraud or mismanagement. TIG Brief 32:10 Oct 31 '80

The full measure of resource costs. James M. Corey. illus tabs Def Mgt J 16:18-23 Third Quarter '80

GSA (General Services Administration): Top management gaining visibility and speed. Govt Exec 12:15-16+ Jul '80

GSA region scores with word processing. Robert M. Redmond. Govt Exec 12:48-50 Apr '80

The hidden flaw in the statutory attempt to cut down government's red tape. Govt Exec 12:21-23 Sep '80

How AFSC's "SMART" (Summary Management Assessment Review Trends) is making the generals "smarter." illus Govt Exec 12:56+ Mar '80

How "Surveys & Investigations" helps Congress cut waste. illus Govt Exec 12:41-42 Apr '80

How to get the most out of your budget. TIG Brief 32:11-12 Nov 28 '80

Internal inspections: Ideas for the functional manager. TIG Brief 32:15-16 Oct 31 '80

Is reform needed in NATO arms procurement? J.B. Koepl. Intl Def Rev 13, No.5:658 '80

Job enrichment: Getting your people involved to improve the job. TIG Brief 32:10 Jul 25 '80

Looking at COM (Computer-Output-Microfilm): Growth coming in government usages. Sam Trippe. Govt Exec 12:49-50 May '80

MMIP (Maintenance Management Improvement Program): Get with the program! Capt Gardner M. Nason. illus Soldiers 35:14 Jul '80

MANAGEMENT IMPROVEMENT - Continued

- Management needs analysts. Capt Michael Weitman. illus AF Compt 14:38-39 Oct '80
- Managing DARCOM (Army Materiel Development and Readiness Command). MajGen Elton J. Delaune, Jr. illus tab Army Log 12:2-5 May-Jun '80
- Managing energy: Lessons from industry. LtCol W.J. Flanagan and H. Reed Muller. illus Army Log 12: 12-15 Jan-Feb '80
- Managing transportation for fuel savings. MajGen John D. Bruen. illus Army Log 12:2-5 Jan-Feb '80
- Military contributions to management. RADM Michael G. O'Connor, Ret and David S. Brown. illus Def Mgt J 16:50-57 Second Quarter '80
- The name of the game is customer service (at Travis AFB, CA). 2dLt Ralph W. Williams III. illus AF Engrg & Svcs Qtr 21:13-14 Feb '80
- Navy's automated information office: Answers in seconds, not months. illus Govt Exec 12:49-50 Feb '80
- On-line editing improves Army RDT&E management. F. Clifton Berry, Jr. illus Def Mgt J 16:13-17 Third Quarter '80
- Pace yourself. Maj James G. Gibson II. illus MAC Flyer 27:8-11 Oct '80
- Personnel error. TIG Brief 32:11-12 Oct 17 '80
- Planning for management. CMSgt Billy J. Freeman. illus Armed Forces Compt 25:34-35 Aug '80
- Program manager--endangered species? (Gossamer Condor program) Lorrin C. Peterson. illus Natl Def 65:28-32 Aug '80
- Project Improve--an MBO success story. MajGen John S. Crosby. Army Log 12:24-25 Jan-Feb '80
- Putting the clamps on government waste. David D. Acker. illus Def Mgt J 16:38-43 First Quarter '80
- R&D risk management. TIG Brief 32:13 Jul 25 '80
- Resource management teams: Is your medical facility making full use of them? TIG Brief 32:16 Dec 12 '80
- The role of dental Cost Center Managers (CCM) in fiscal management. TIG Brief 32:7 Aug 8 '80
- Services into the 1980s. LtCol Roy G. Kennington. illus AF Engrg & Svcs Qtr 21:7-10 Feb '80
- Should-cost analysis: Is it the answer? H.G. Hoehl. tabs Def Mgt J 16:48-51 Fourth Quarter '80
- Show me in writing: Or, how to lose a good Air Force member. TIG Brief 32:14 Sep 26 '80
- Some current C³I concepts and programs. Gowri S. Sundaram. illus Intl Def Rev 13, No. 7: 1036-1042 '80
- Stores won't merge, but will mesh. AF Times 41:23 Oct 27 '80
- Supervisors: Can you really affect productivity, morale, or career intent? Col Guy H. Winstead, Jr. TIG Brief 32:1-2 Apr 4 '80

MANAGEMENT IMPROVEMENT - Continued

- System acquisition planning. TIG Brief 32:11 Oct 17 '80
- Well-controlled accounting systems--a must for the eighties. (Address, American Society of Military Comptrollers National Symposium, San Antonio, May 22, 1980) Elmer B. Staats. illus Armed Forces Compt 25:4-7+ Nov '80
- What is an FMI (Functional Management Inspection)? TIG Brief 32:3 Sep 26 '80
- What is an FMI (Functional Management Inspection)? TIG Brief 32:4 Dec 12 '80
- What 2d lieutenants ought to know about financial management (and don't) is taught to them by the Space Division people. Leon Silverman. illus tab AF Compt 14:21-23 Jan '80
- Who's your flight commander? LtCol Delbert F. Miller. illus TAC Attack 20:10-12 Dec '80
- Winning through teamwork. TIG Brief 32:6 Sep 12 '80
- Word processing: Productivity solution, or paperwork shuffle? Laurence A. Polzak, Jr. illus Armed Forces Compt 25:26-29 May '80
- You can't run an army like a corporation. Col D.M. Malone and Donald D. Penner. illus Army 30:39-41 Feb '80

MANAGEMENT INFORMATION SYSTEMS

- Automated traffic management in the 1980s. (From address, General Traffic Management Seminar, Orlando, FL, May 1980) LtCol Robert H. Fisher. illus Translog 11:1-4 Jul '80
- Comprehensive OMB report takes a future look at the Federal life of general purpose ADP's. tabs Govt Exec 12:49-50+ Mar '80
- Designing a flexible management information system. LtCol Thomas D. Clark, Jr and Capt Douglas J. Blazer. illus Def Mgt J 16:44-48 First Quarter '80
- The evolution of C³I. M.I. Thom. illus Intl Def Rev 13, No. 7:1033-1035 '80
- The hidden flaw in the statutory attempt to cut down government's red tape. Govt Exec 12:21-23 Sep '80
- How AFSC's "SMART" (Summary Management Assessment Review Trends) is making the generals "smarter." illus Govt Exec 12:56+ Mar '80
- Inspection Results Analysis System (IRAS). TIG Brief 32:11 Sep 12 '80
- A marriage of convenience: Marine safety and computers. LT William J. Barker. illus map US Nav Inst Proc 106:125-127 Oct '80
- Navy's automated information office: Answers in seconds, not months. illus Govt Exec 12:49-50 Feb '80
- Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Information management. Maj Gerald W. Corwin. illus AF Compt 14:30-31 Jul '80
- A proposal on acquisition management information. Fred E. Rosell, Jr. illus Def Sys Mgt Rev 3:34-41 Spring '80

MANAGEMENT INFORMATION SYSTEMS - Continued

Resources plans management indicators. TIG Brief
32:9-10 Nov 14 '80

Retail SAMS (Standard Army Maintenance System).
Maj Dennis K. Jackson. illus Army Log 12:17-19
Nov-Dec '80

Toward more effective management information systems. LtCol Thomas A. Wilson II. illus Mil Rev
60:41-47 Mar '80

The use of minicomputers in MAJCOM logistics management. Maj James D. Burnett and Capt Rodney
L. Boatright. AF J Log 4:6-8 Spring '80

MANEUVERS

See also

Combined Operations

Joint Operations

War Games

also specific exercises and/or operations by
name

Air Force--U.S.

Exercises. Regular feature in some issues of Air
Force Times

Armed Forces--U.S.

Study says 'Smoky' (1957 "Shot Smoky" nuclear test)
cancer rate doubled. AF Times 41:27 Nov 10 '80

Army--U.S.

OPFOR (OPposing FORces). illus Natl Guard 34:8-11
Jun '80

MANPOWERUnited States

Our diminishing manpower resources. Thomas H.
Etzold. illus Army 30:10-14 Jan '80

Reforging industrial readiness. Dale W. Church. illus
Defense/80, pp 2-7, Dec '80

MANPOWER, MILITARY

For strength of the Services see subdivision Statistics
under the respective Service, e.g., Air Force--
United States--Statistics.

See also

Military Service, Compulsory

Military Service, Voluntary

Personnel

The lost lesson of Vietnam. LtCol Forrest K. Klein-
man, Ret. illus Mil Rev 60:64-71 Aug '80

Mobilization

See Mobilization, Military

Afghanistan

'The Afghan Armed Forces--to the Soviet invasion
1980.' G. Jacobs. illus map tabs Asian Def J No. 6:
74-75+ Nov-Dec '80

Great Britain

British security concerns in the 1980's. Martin Ed-
monds. Intl Sec Rev 5:209-230 Summer '80

MANPOWER, MILITARY - ContinuedUnited States

AFA policy paper: Defense manpower issues. AF
Mag 63:75-77+ Nov '80

The AVF--making it work. Maj David Evans. illus
US Nav Inst Proc 106:47-53 Dec '80

Air Force manpower overview. (Presentation, Sub-
committee on Military Personnel, House Armed
Services Committee, Washington, Feb 25, 1980)
Joseph C. Zengerle. tabs AF Plcy Ltr for Comdrs:
Sup, pp 11-22, May '80

Carter criticized (by veterans organizations), de-
fended (by DefSec Brown). Laurie Parker. AF
Times 41:4 Oct 27 '80

Cause of our greatest danger. LtGen Ira C. Eaker,
Ret. AF Times 40:19-20 Feb 18 '80

Civilians in uniform. Thomas H. Etzold. AU Rev 31:
93-95 Jul-Aug '80

Confronting the Navy's manpower dilemma. Bernard
Rimland and Gerald E. Larson. illus tabs Def
Mgt J 16:30-34 First Quarter '80

The continuing military manpower crunch. Robert B.
Pirie. tab Defense/80, pp 4-5, Jan '80

Defense manpower and the all-volunteer force: A
different perspective. Maj Francis P. Butler. Nav
War Col Rev 33:85-91 Jan-Feb '80

Farewell to arms: A perspective on retirement. LtCol
Donald B. Vought, Ret. illus tab Mil Rev 60:2-12
Feb '80

Forecasting the human-resource costs of Navy weapon
systems. Peter D. Weddle and CDR Grant D. Ful-
kerson. illus Def Mgt J 16:6-11 Second Quarter '80

GOP would end 'neglect' of military manpower. AF
Times 41:12 Aug 11 '80

The grim lessons of Nifty Nugget. John J. Flakla.
illus Army 30:14-18 Apr '80

'Harsh world' is impetus in bigger budget. Eric C.
Ludvigsen. illus tabs Army 30:26-33 Mar '80

Lack of support officers approaches acute stage. John
Ginovsky. AF Times 41:3 Oct 20 '80

MX manpower: Planning ahead. AF Times 40:8
May 5 '80

Manpower conditions appalling. LtGen Ira C. Eaker,
Ret. AF Times 41:23-24 Sep 22 '80

The manpower deficit worsens. LtGen Ira C. Eaker,
Ret. AF Times 41:19-20 Aug 25 '80; Natl Def
65:28 Dec '80

The manpower management puzzle. Robert B. Pirie,
Jr. Def Mgt J 16:46-47 Third Quarter '80

Military manpower in the 1980's: Issues and choices.
Martin Binkin. Intl Sec Rev 5:347-374 Fall '80

National security next year. LtGen Ira C. Eaker, Ret.
AF Times 41:19-20 Nov 10 '80

Our diminishing manpower resources. Thomas H.
Etzold. illus Army 30:10-14 Jan '80

MANPOWER, MILITARY - ContinuedUnited States - Cont'd

Panel (discussion on military manpower) can't agree on U.S. and draft. AF Times 40:8 Apr 28 '80

A question of quality: Why the pieces don't fit. John J. Fialka. illus Army 30:29-32 Jun '80

Reagan, Anderson voice views on pay, manpower. illus AF Times 41:14 Oct 6 '80

Reality-ritual=retention: The enlisted equation. Maj Thomas J. Pickering. illus Mil Rev 60:2-9 Dec '80

Sen Harry Byrd says military manpower at crisis level. Officer 56:23 Nov '80

A sensible draft solution. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 May 5 '80

Specialists vs generalists. Bruce Callander. AF Times 40:20+ Jun 9 '80

Tapping the initiative of our young people. TIG Brief 32:10 Apr 18 '80

Volunteer pool empty for special EM jobs. Len Famiglietti. AF Times 41:10 Oct 20 '80

War in Europe? Medics not ready. AF Times 40:41 Jun 16 '80

Youth or experience in military manpower: Balancing the variables. Carolee B. Hartman. illus tabs Def Mgt J 16:65-67 First Quarter '80

Statistics

U.S. national defense structure. (Special almanac issue) illus maps tabs Defense/80: entire issue Jul '80

MANPOWER, TECHNICALSee also

Engineers
Scientists

Soviet scientific/technical manpower: Much more than a simple numbers game. Jill E. Heuer. illus tab Govt Exec 12:34+ Apr '80

Air Force

Engineering a response to the S&T (Scientific and Technical officers) shortfall. Ed Gates. tab AF Mag 63:69 Oct '80

Productivity, technology, and the illusion of the free lunch. Hans M. Mark. illus Defense/80, pp 8-13, Aug '80

The university of tomorrow (AFIT). Robert K. Ruhl. illus Airman 24:21-29 Nov '80

Armed Forces

Military R&D: The worst shortage is of trained, skilled people. illus tabs Govt Exec 12:31+ May '80

National Guard--Air Force

The civilian cadre--National Guard technicians. Capt Joe T. Montoya. illus Air Def Mag, pp 23-25, Jan-Mar '80

MANPOWER, TECHNICAL - ContinuedNational Guard--Air Force - Cont'd

Federal pay bar for Res(erves) faulted. AF Times 41:12 Oct 20 '80

National Guard--Army

The civilian cadre--National Guard technicians. Capt Joe T. Montoya. illus Air Def Mag, pp 23-25, Jan-Mar '80

Reserve Forces--Air Force

Air Force Reserve programs. (Presentation, House Appropriations Committee, Washington, June 18, 1980) MajGen Richard Bodycombe. tabs AF Plcy Ltr for Comdrs: Sup, pp 17-25, Aug '80

Probing today's mysteries ... to ensure tomorrow. (Mobilization augmentee/Reserve supplement officers) Capt Myrna-Lynne Whitney. illus Air Reservist 32:14-16 Jul '80

Reserve Chief (MajGen Richard Bodycombe) calls tech (Air Reserve Technician) program effective. AF Times 40:2 Jun 30 '80

Reserve Forces--Armed Forces

Converting Reserve tech slots to civilian would hurt mission. AF Times 41:17 Oct 27 '80

Converting tech slots too costly, Hill told. AF Times 40:14 May 19 '80

Unionist attacks technician test. AF Times 40:10 Jul 21 '80

MANUALSArmy

ATM: Aircrew Training Manuals. Maj Ronald K. Lovejoy and William N. Presley. USA Avn Dig 26: 2-3+ Sep '80

FM 100-5 (Operations) revisited: A need for better "foundation concepts?" Maj John M. Oseth. illus Mil Rev 60:13-19 Mar '80

FM 100-5 revisited. Gen William E. DePuy, Ret. illus Army 30:12-17 Nov '80

MAO, Tse-tung

Ideological indoctrination of Chinese servicemen. Col Yu. Petrov. Soviet Mil Rev No. 1:45-47 Jan '80

MAPS AND MAPPING

Aerial survey photography. Marc Grangier. illus Interavia 35:1050-1054 Nov '80

Charting for the 80's. (Topographic/electromagnetic charting) LtCol James D. Muma. illus Airlift Ops Rev 2:5-7 Apr-Jun '80

DIAL (Digital Image Analysis Laboratory): Topography by computer. illus Army 30:36-37 Aug '80

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

MAPS AND MAPPING - Continued

High-resolution mapping in forward mode for new F-15B Strike Eagle. illus Def Elect 12:28-29 Nov '80

Maps in minutes for the Army of the future? illus Mil Rev 60:80 Sep '80

The National Ocean Survey--planning for the future. RADM Herbert R. Lippold, Jr. illus chart Mil Engr 72:25-29 Jan-Feb '80

New solutions emerge to solve old sonar problems. George Rand. illus Def Elect 12:17-20 Oct '80

North to Alaska. (Alaskan aerial survey expedition, 1928) ADM Arthur W. Radford, Ret. illus US Nav Inst Proc 106:78-83 Sep '80

RF-4C radar predictions. Maj Richard F. Masse. illus tab Navigator 27:12-14 Winter '80

MARINE ACCIDENTS see Accidents, MarineMARINE CORPSBrigades, Divisions, etcUnited States

VMAQ-2: The Corps' only electronic warfare squadron. Maj C.L. Plunkett. illus tab MarCor Gaz 64:80-83 May '80

United States--History

The 4th Marine Brigade. BrigGen R.H. Williams, Ret. illus maps MarCor Gaz pt 1, 64:58-68 Nov '80; pt 2, 64:59-64 Dec '80

United States--Organization

Establishing a permanent mechanized MAB (Marine Amphibious Brigade). Col Thomas T. Glidden. illus MarCor Gaz 64:43-48 Jul '80

Russia

Soviet naval Infantry. Andrew W. Hull. illus tab MarCor Gaz 64:65-70 Jul '80

Thailand

Asian amphibians: The Royal Thai Marine Corps. Maj Barry M. Broman. illus US Nav Inst Proc 106:33-41 Nov '80

United States

Analyzing the RDF (Rapid Deployment Force); commentary on defense policy. LtCol G.D. Batcheller. illus MarCor Gaz 64:16-18 Jun '80

Andersen (AFB, Guam) team takes to the jungle. PH2 Dan Kline. illus AF Times 41:23 Oct 20 '80

Armor Symposium 1980--an overview. Maj Dixon B. Garner. illus MarCor Gaz 64:26-31 Jul '80

The associate brigade concept. Col William R. Ball. MarCor Gaz 64:18+ Jun '80

MARINE CORPS - ContinuedUnited States - Cont'd

CMC FY-1981 Posture Statement. (Presentation, House Armed Services Committee, Jan 31, 1980) Gen Robert H. Barrow. illus tabs MarCor Gaz 64:31-42 Apr '80

Clad in 20th century modern. Capt K.W. Estes. MarCor Gaz 64:20-22 Feb '80

Cold: Friend or foe. (Marines in Norway) RADM Ben Eiseman, Ret and LtCol Carl F. Tidemann. illus tabs MarCor Gaz 64:39-44 Feb '80

Congress and the Corps. (Presentation, House Armed Services Committee, Jan 31, 1980) Gen Robert H. Barrow. illus MarCor Gaz 64:28-30 Apr '80

The crystal ball is soft and fuzzy: Predicting communications requirements for future Marine Corps tactical data systems. LtCol J.H. Wickens. illus Signal 34:63-67 Feb '80

Defining maneuver warfare for the Marine Corps. William S. Lind. illus MarCor Gaz 64:55-58 Mar '80

From bayou to beachhead: The Marines and Mr. Higgins. Maj John W. Mountcastle. illus tabs Mil Rev 60:20-29 Mar '80

Getting the job done without getting done in by the jobs. MajGen Richard C. Schulze. illus MarCor Gaz 64:42-46 Oct '80

Headlong down the road to extinction. Maj A.C. Bevilacqua. illus MarCor Gaz 64:43-48 Jan '80

'Is you is, or is you ain't my baby?' RADM John J. O'Connor, Ret. illus MarCor Gaz 64:61-67 Feb '80

Marine Corps: A team that's ready. illus Defense/80, pp 8-10, Apr '80

The Marine Corps as a rapid deployment force. LtCol David A. Quinlan. illus map MarCor Gaz 64:32-40 Mar '80

A Marine Corps choke-point strategy. Capt Gary W. Anderson. illus map US Nav Inst Proc 106:103-104 Apr '80

The Marine Corps' future lies in being useful. (Address, Command and Staff College, June 6, 1980) Russell Murray 2d. illus MarCor Gaz 64:24-29 Aug '80

The Marine Corps' future may lie north of the Arctic Circle. Frank Uhlig, Jr. illus MarCor Gaz 64:32-38 Feb '80; Commentary. 2dLt M.F. Wangler. 64:16-17 Jul '80

Marines: A political weapon. 1stLt R.S. Moore. MarCor Gaz 64:27 Mar '80

Marines and strategy. Capt B.H. Liddell Hart. illus MarCor Gaz 64:22-31 Jan '80

More mobility for today's threat. Col Larry R. Williams. illus MarCor Gaz 64:32-36 Jul '80

Myths and realities of antitank capabilities. LtCol Donald J. Robinson II. illus MarCor Gaz 64:41-48 Mar '80

The 1979 defense year in review. L. Edgar Prina. illus Sea Power 22:30+ Dec '79

MARINE CORPS - ContinuedUnited States - Cont'd

The role of the Marine Corps in today's U.S. defense strategy. 2dLt Michael A. Gay. illus MarCor Gaz 64:54-58 Jan '80

A somber picture of U.S. readiness--but a bright picture of the caliber of military personnel. MajGen Alfred Gray, Jr. Officer 56:11 Apr '80

Some lessons from the Israelis. Maj William C. Fite. illus MarCor Gaz 64:32-38 Sep '80

USMC steps up in intelligence. Capt Roger E. Mahoney. illus MarCor Gaz 64:17-19 Jan '80

The U.S. Marine Corps: Strategy for the future. LtCol William M. Krulak. illus US Nav Inst Proc 106:94-105 May '80

"We will do whatever the country wants us to do." Interview. Gen Robert H. Barrow. illus Armed Forces J Intl 118:34+ Nov '80

Where does U.S. Marine Corps go from here? RADM John B. Johnson. illus Officer 56:16-17 Feb '80

History

Butler at Fort Riviere. Capt H. W. Snyder. illus map MarCor Gaz 64:83-87 Nov '80

Corps commemorates Iwo flag raising. illus MarCor Gaz 64:5 Oct '80

John Philip Sousa--100th anniversary. Capt Jeb Bennett. illus MarCor Gaz 64:31-34 Oct '80

Looking back: Reflections at career's end. BrigGen Vincente T. Blaz, Ret. MarCor Gaz 64:98-100 Nov '80

Marine barracks: Essence of the 'Old Corps.' LtCol William R. Smith. illus tab map MarCor Gaz 64:90-95 Nov '80

Ouster of a Commandant (MajGen George Barnett). LtCol Merrill L. Bartlett. illus US Nav Inst Proc 106:60-65 Nov '80

A second landing (on Okinawa) finally ends the war. William Manchester. (Reprinted from Life, May 1979) illus MarCor Gaz 64:53-60 Apr '80

A Shanghai incident. Col A. Bryan Lasswell, Ret. illus MarCor Gaz 64:54-57 Sep '80

'What did you do in the war, Daddy?' Robert Leader. illus MarCor Gaz 64:44 Nov '80

Organization

The Corps 20 years from now. LtCol John S. Grinalds. MarCor Gaz 64:16+ Feb '80

Establishing a permanent mechanized MAB (Marine Amphibious Brigade). Col Thomas T. Glidden. illus MarCor Gaz 64:43-48 Jul '80

Improving weapons company. Capt Mark B. Pizzo. illus MarCor Gaz 64:19-20 Aug '80

Marine infantry battalion study should reach Commandant this month. MarCor Gaz 64:4 Oct '80

New commands are activated. MarCor Gaz 64:4 Jul '80

MARINE CORPS - ContinuedUnited States - Cont'dOrganization - Cont'd

Now is the time for a Marine Corps cold-weather brigade. Maj S. E. Haynes. MarCor Gaz 64:19-20 Feb '80

"We will do whatever the country wants us to do." Interview. Gen Robert H. Barrow. illus Armed Forces J Intl 118:34+ Nov '80

MARINE CORPS AVIATION

Converting NFOs to NAs. Capt Kenneth E. Starr. MarCor Gaz 64:19-20 Oct '80

Cutting aviation functions--a shortsighted suggestion. LtCol M. H. Conner. illus MarCor Gaz 64:17-18 Jul '80

F/A-18 Hornet--one aircraft, one man, multiple missions. Charles Gilson. illus Intl Def Rev 13, No. 2:211-218 '80

The F/A-18 Hornet program. Interview. LtGen William J. White. illus MarCor Gaz 64:26-30 Oct '80

A look at the major Marine Aviation issues. Col Richard A. Gustafson and LtCol Michael H. Conner. tab illus MarCor Gaz 64:56-63 May '80

MCAA honors aviation's best. illus MarCor Gaz 64:4 Nov '80

Marine air operations in northern Europe. Maj Robert J. O'Rourke. illus tab US Nav Inst Proc 106:53-59 Nov '80

Marine Aviation 1980: Progress, problems, and a preview of the future. Interview. LtGen William J. White. illus MarCor Gaz 64:46-47+ May '80

Marine Tacair--a different view. Col Frederick P. Anthony. MarCor Gaz 64:30+ May '80

Mini-transport in air debut at Beaufort (MCAS, SC). illus MarCor Gaz 64:2 Jan '80

New punch with TOW Cobra. Capt C. B. Stoops. illus tab MarCor Gaz 64:21-24 Dec '80

Safeguarding the Western Atlantic and the Pacific Coast. Ramon Lopez. illus tab Interavia 35:30-33 Jan '80

'Super Stallions' are on the way. illus MarCor Gaz 64:8 Nov '80

The ultimate umbrella: Status report on Marine Corps Aviation. Richard A. Gustafson and others. illus Sea Power 23:37-39+ Jun '80

The U.S. Marine Corps: Strategy for the future. LtCol William M. Krulak. illus US Nav Inst Proc 106:94-105 May '80

VMAQ-2: The Corps' only electronic warfare squadron. Maj C. L. Plunkett. illus tab MarCor Gaz 64:80-83 May '80

MARINE CORPS BASESUnited States

Military construction program (for Marine Corps bases). Tables only. MarCor Gaz 64:6 Dec '80

MARINE CORPS BASES - ContinuedUnited States - Cont'dCamp Lejeune, NC

Memorial windows: Camp Lejeune's stained glass masterpieces. LT Joseph R. Kerr. illus MarCor Gaz 64:45-48 Dec '80

Twentynine Palms, CA

New tank facility takes shape (at Marine Corps Air Ground Combat Center, Twentynine Palms, CA). illus MarCor Gaz 64:10 Nov '80

MARINE CORPS DEVELOPMENT AND EDUCATION COMMAND

Commandant expands MCDEC's role. MarCor Gaz 64:8 Nov '80

MARINE CORPS SCHOOLS, QUANTICO, VA see
Marine Corps Development and Education Command

MARINE RESOURCES

Offshore technology. Regular feature in issues of Military Engineer

MARITIME ACADEMIESUnited States

California Maritime Academy. William M. Powers. illus US Nav Inst Proc 106:57-65 Jan '80

MARITIME ADMINISTRATIONSee also

Merchant Marine--U.S.
National Defense Reserve Fleet

MARITIME LAW

How close is a law of the sea? Interview. Elliot L. Richardson. illus Def & For Aff 8, No. 2:40-41 '80

Law and conflict at sea. LT Roger D. Wiegley. illus Nav War Col Rev 33:68-77 Jan-Feb '80

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No. 2:100+ Mar-Apr '80

The making of a Navy. RAdm E. F. Gueritz. Islamic Def Rev 5, No. 2:20-24 '80

The naval employment of the Coast Guard 270-Medium Endurance Cutter. LCDR Edmund I. Kiley. tabs Nav War Col Rev 33:13-22 Jul-Aug '80

Negotiating a law of the sea. CDR Frank B. Swayze. illus US Nav Inst Proc 106:33-39 Jul '80

The next twenty years of naval mobility. Thomas A. Clingan, Jr. illus US Nav Inst Proc 106:82-93 May '80

Regionalism and the law of the sea: The Persian Gulf perspective. Charles G. MacDonald. illus Nav War Col Rev 33:73-81 Sep-Oct '80

Seabed mining bill (Deep Seabed Hard Minerals Act) boosts shipping, shipbuilding prospects. L. Edgar Prina. illus map Sea Power 23:16+ Sep '80

MARITIME LAW - Continued

Standing into danger. LCDR John F. Ebersole. illus US Nav Inst Proc 106:58-65 Oct '80

Torpedoing the Coast Guard's good-guy image. LCDR Michael R. Adams. illus US Nav Inst Proc 106:137-139 Oct '80

MARK, Hans M.

AF must go deeper in space. Hans M. Mark. AF Times 40:38 Mar 3 '80

(AF Sec Hans) Mark on Hill: GAO misunderstood computer plan. AF Times 40:4 Jan 28 '80

Air Force priorities. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Nov '80

Commencement Address, U.S. Air Force Academy (May 28, 1980). Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-4, Aug '80

The dangerous decade. (Presentation, Commonwealth Club Luncheon, San Francisco, Jan 18, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Jun '80

(Hans) Mark sounds call (at AFA Convention, 1980). AF Times 41:14 Sep 29 '80

The national space policy. (Presentation, Subcommittee on Space Science and Applications of the House Committee on Science and Technology, Washington, July 24, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Sep '80

Priorities and progress. Hans M. Mark. por AF Mag 63:60-61 May '80

Productivity, technology, and the illusion of the free lunch. Hans M. Mark. por Defense/80, pp 8-13, Aug '80

A progress report. (Address, AFA National Convention, Sep 1980) Hans Mark. por AF Mag 63:58+ Nov '80

Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:2-35 Mar '80

Two top civilian leaders (Air Force Sec Hans Mark and Army Manpower Chief William E. Peacock) oppose pay reallocation. Tom Philpott. AF Times 41:3 Sep 8 '80

USAF leaders see greater 'likelihood of war.' Sea Power 23:16-18 Aug '80

The vital element of the military equation. Hans Mark. por AF Mag 63:81 Sep '80

MARKETING RESEARCH

Marketing research and inventory management--getting the right information to decisionmakers. Michael J. Higgins, Jr. illus Log Spectrum 14:4-6 Fall '80

MARKETS AND MARKETING

Commissary store sales (Fiscal 1979). Tables only. Review 58:51+ Mar-Apr '80

MARKETS AND MARKETING - Continued

Perspectives on progress. (Interview with ALA President Robert L. Riebow) illus Review 58:18-20+ Jan-Feb '80

MARKS, John B., Jr

Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. por Signal 35:9-12+ Oct '80

MARKSMANSHIP

Exploring the Guard: Marksmanship program is a first step for Explorer Scouts. 1stLt Jan Otteson and LtCol Leo Lujan. illus Natl Guard 34:20-22 Apr '80

Hanscom (AFB, MA) shooters sweep AFSC meet. (Security Police marksmanship matches). illus AF Times 41:48 Nov 10 '80

1981 combat competition (Peacekeeper Challenge) to replace SPs' shootout. AF Times 41:12 Aug 4 '80

Rifleman training systems--preparing the infantryman to fight. Edward C. Ezell. illus tabs Intl Def Rev 13, No.5:707-711 '80

Space-age shootout. (AF SPs + MILES (Multiple Integrated Laser Engagement System) equal realistic training) Maj Anthony Lynn Batezel. illus Airmen 24:2-7 Nov '80

Weapons training: More than marksmanship practice. tab TIG Brief 32:9 Feb 8 '80

Study and Teaching

Better training for higher performance. illus Asian Def J No.2:46-48 Mar-Apr '80

MARRIAGE AND DIVORCE

Bill takes up issue of ex-spouse benefits. illus AF Times 40:3 Jun 9 '80

Combat casualties who remain at home. Edna J. Hunter. illus Mil Rev 60:28-36 Jan '80

Couple may lose BAQ. Bruce Callander. AF Times 40:1+ Jan 14 '80

Divorce: Who earned what? Bruce Callander. AF Times 40:20+ Jul 7 '80

Divorced wives form group (EXPOSE) to lobby Hill for benefits. Laurie Parker. illus AF Times 41:11 Dec 29 '80

GAO opinion: Court can divide pay in divorces. AF Times 41:7 Sep 22 '80

Garnishment: Relief only through state courts. AF Times 40:4 Jun 23 '80

Garnishment: State actions cause woes. Tom Philpott. AF Times 40:1+ Jan 7 '80

"I do, I do": Tying the knot overseas is not that easy. Joann L. Dettmann. illus AF Times 40:39-40 Jun 23 '80

Living and family patterns in the Air Force. Ch(MajGen) Richard Carr and others. illus AU Rev 31:75-86 Jan-Feb '80

MARRIAGE AND DIVORCE - Continued

Many marriages under stress, but 'quality' still high. Don Mace. AF Times 41:1+ Sep 22 '80

Marriages: Survey cites two major conflicts (finances and childrearing). Don Mace. AF Times 40:1+ Jul 7 '80

Retired pay in divorce cases: Supreme Court to decide on spouses' split. AF Times 41:1+ Nov 3 '80

Soldier couples. SP5 Linda D. Kozaryn. illus Soldiers 35:10-14 Sep '80

Sole parent soldiers--a delicate balance. SP5 Linda D. Kozaryn. illus Soldiers 35:18-22 Oct '80

Survey of family attitudes--good communication most important. AF Times 41:10 Nov 3 '80

TDY can cause strain. illus AF Times 41:10 Nov 3 '80

'You earned that retirement check, too.' Christine Langtry. illus AF Times, Times Magazine sup:6-10 Mar 3 '80

MARSH, Robert T.

Air Force C³ technologies. LtGen Robert T. Marsh. por Signal 35:32-36 Sep '80

Command, control and communications in the future. (Presentation, 16th Annual Meeting, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) LtGen Robert T. Marsh. AF Ploy Ltr for Comdrs: Sup, pp 30-40, Aug '80

Gen Slay to retire Feb 1 (to be replaced by LtGen Robert T. Marsh). AF Times 41:2 Dec 15 '80

MARSHALL, George C.

Guadalcanal: Neither side would quit. CDR Thomas B. Buell, Ret. por US Nav Inst Proc 106:60-65 Apr '80

MARSHALL, Samuel L. A.

Man against armor. BrigGen S. L. A. Marshall. Armor 89:30-36 Jan-Feb '80

MARX, Karl

Toward an estimate of the Soviet worldview. Daniel S. Papp. Nav War Col Rev 32:60-77 Nov-Dec '79

MASS TRANSPORTATION see TransportationMATERIALSSee also

Plastic Materials

also subdivision under specific subjects, e.g.,

Airplanes--Materials

Airplanes, Military--Materials

The national defense stockpile. Defense/80, pp 23-24, Dec '80

Nomex vs nylon flying jackets. Maj William Harrison. illus Aerosp Safety 36:24-25 Jul '80

MATERIALS HANDLINGSee also

Containers
Hazardous Substances--Transportation
Loading and Unloading
Packing for Shipment

Cargo cowboys. (National aerial port championship)
Maj Kim McDonald. illus Air Reservist 32:10-11
Jul '80

Control of 463L pallets. TIG Brief 32:6 Jul 11 '80

VIC (Very Important Cargo) receives TLC from
MOTBYs (Military Ocean Terminal BaYonnè)
Packing Branch. illus Translog 11:10-12 Oct '80

MATHIS, Robert C.

Tactical Air Command 1980. (Presentation, Air
Force Assoc National Symposium, Los Angeles,
Oct 26, 1979) LtGen Robert C. Mathis. AF Plcy
Ltr for Comdrs: Sup No. 2:31-37 Feb '80

MAULDIN, Bill

Bill Mauldin (views the National Guard as a viable
fighting force ... some 40 years later). Pamela
A. Kane. por Natl Guard 34:20-22 Nov '80

MAYAGUEZ INCIDENT, 1975

Raids and national command: Mutually exclusive!
LtCol Peter A. Kelly. illus Mil Rev 60:19-26
Apr '80

The War Powers Resolution: Congress vs the Com-
mander in Chief. 1stLt Kevin E. Johns. illus US
Nav Inst Proc 106:42-46 Dec '80

MEASUREMENT see Weights and MeasuresMECHANIZED FORCES see ArmorMEDAL OF HONOR

Col Donald Cook posthumously awarded Medal of
Honor. MarCor Gaz 64:4 Jul '80

Mary Walker: Only woman to win the Medal of Honor.
Leonard Berlow. illus AF Times, Times Magazine
sup:60-61 Sep 1 '80

When honor conflicts with duty. LtCol George M. Hall.
illus AU Rev 31:45-60 Sep-Oct '80

MEDALS see Awards, Decorations, etcMEDICAL AND SANITARY AFFAIRSAir Force

A new handle on health care (DEERS, Defense Enroll-
ment Eligibility Reporting System). John Mox-
ley III. illus Defense/80, pp 16-20, Oct '80

MEDICAL AND SANITARY AFFAIRS - ContinuedArmed Forces

GAO inspection finds many health hazards. AF Times
40:7 Jan 21 '80

Where are the ... doctors? John Moxley III. illus
tab Defense/80, pp 8-13, Dec '80

Army

Field sanitation teams: Who needs them? Maj Vincent
R. Sherman. illus Mil Rev 60:72-78 Apr '80

MEDICAL CENTERS AND SCHOOLSAir Force

Who's Dr SAM (School of Aerospace Medicine)? TAC
Attack 20:25 Aug '80

Wilford (Hall) clinic aids hearing problems. illus AF
Times 41:35 Nov 24 '80

Army

Cheating death (at William Beaumont Medical Center's
Trauma Center, El Paso, TX). SP5 Lana Ott. illus
Soldiers 35:10-12 Nov '80

MEDICAL CORPSAir Force--U.S.

Rand report: Give PAs bars. Len Famiglietti. AF
Times 40:3 Jun 23 '80

Rank limits hurting PA morale. LtGen Paul W.
Myers. AF Times 40:4 May 26 '80

Armed Forces--U.S.

DOD defends putting doctors behind desks. Paul
Smith. AF Times 41:22 Sep 1 '80

Nichols acts to get doc pay bill OK'd by July 1. AF
Times 40:4 Jun 30 '80

Special pay provision for military health professional
outlined (in PL 96-284). tabs Officer 56:26 Sep '80

War in Europe? Medics not ready. AF Times 40:41
Jun 16 '80

Where are the ... doctors? John Moxley III. illus
tab Defense/80, pp 8-13, Dec '80

Army--U.S.

'DOC' (Doctors Ought to Care) wants to keep you
healthy. Paul Smith. illus AF Times 41:39-40
Sep 29 '80

In search of Army doctors. MSgt Matt Glasgow. illus
Soldiers 35:16-19 Jan '80

Working for smiles. (Physicians' assistants) SP5
Gary L. Kieffer. illus Soldiers 35:34-37 Sep '80

Reserve Forces--Air Force--U.S.

Dr pay bill held no boon to Reserves. Len Famiglietti.
AF Times 40:3 Jul 14 '80

MEDICAL EDUCATION PROGRAM

Brooks (AFB, TX) 'vacationers' (medical students enrolled in the Air Force Health Professional Scholarship Program) get taste of survival. Beth Pyndus. AF Times 41:18 Sep 15 '80

MEDICAL EQUIPMENT AND SUPPLIES

Dental materiel management. TIG Brief 32:13 Jan 11 '80

Device for measuring the precision of eye-hand coordination while tracking changing size. D. Regan and K.I. Beverley. illus tabs Aviation, Space & Envmt Med 51:688-693 Jul '80

Drug (tranquilizer) packaging: Little effect seen. AF Times 41:23 Jul 28 '80

Hospital equipment: Custodial responsibility. TIG Brief 32:14 Oct 31 '80

Inventory management in the medical treatment facility. TIG Brief 32:17 Dec 12 '80

Key control and facility security. TIG Brief 32:12 Jan 11 '80

Measures of materiel services management for the administrator. TIG Brief 32:17-18 Oct 17 '80

Medical materiel services: Customer relations and training. TIG Brief 32:11-12 May 30 '80

Medical supply activities: Fraud, waste, and abuse potentials. TIG Brief 32:3 Aug 29 '80

New medical kit for CB warfare to be distributed. AF Times 41:14 Aug 18 '80

Procurement of medical supplies. TIG Brief 32:8 Jul 25 '80

Resource management teams: Is your medical facility making full use of them? TIG Brief 32:16 Dec 12 '80

Tac-tooth-cal drills. Mary Storms. illus Soldiers 35:50-51 Apr '80

War in Europe? Medics not ready. AF Times 40:41 Jun 16 '80

MEDICAL EXAMINATIONS

Brochure gives X-ray advice. AF Times 41:65 Oct 27 '80

Legal liability in genetic counseling and testing. Capt Jeffery L. Grundtisch. AF Law Rev 21, No.3:462-472 '79

MOMET (MOBILE Medical Teams): Medics on the move. Sgt1C Joseph Hitt. Soldiers 35:38 Mar '80

Professional quality medical evaluation of members for special assignments. TIG Brief 32:7-8 May 30 '80

Profiling 'fit' members. TIG Brief 32:8 Jul 25 '80

Sandstone Samaritans. (Reservists administer a battery of medical tests and physical examinations to native Americans in Utah) Capt Calvin N. Andrus. illus Air Reservist 32:8-9 Apr '80

Who's Dr SAM (School of Aerospace Medicine)? TAC Attack 20:25 Aug '80

MEDICAL LABORATORIES

Communication and the clinical laboratory. TIG Brief 32:13 May 2 '80

Fund cuts held threat to (military medical research) labs. Paul Smith. AF Times 41:16 Sep 16 '80

MEDICAL RESEARCH

Body parts by computer--laser dots recorded in unique video link. Beth Pyndus. illus AF Times 41:37 Oct 27 '80

Fund cuts held threat to (military medical research) labs. Paul Smith. AF Times 41:16 Sep 15 '80

Microwaves key to disease scans. Paul Smith. illus AF Times 41:18 Aug 25 '80

Military dispensing THC. AF Times 41:11 Dec 1 '80

The role of the specialist in environmental medicine. (Harry G. Armstrong Lecture) John Rawlins. illus Aviation, Space & Envmt Med 51:908-912 Sep '80

MEDICAL SERVICESee also

Dental Corps
Flight Surgeons
Medical Corps
Surgeon General
Veterinary Corps

Air Force--U.S.See also

Biomedical Sciences Corps

Air route to recovery. (MAC's 55th Aeromedical Air-lift Sq and 2d Aeromedical Evacuation Sq transport patients from various European locations to hospitals) Hans Ostertag. illus Airman 24:40-42 Mar '80

Benefits: Lost? Or found? Col Allen J. Montecino. Airman 24:19 Jun '80

Emergency medical services. LtGen Paul W. Myers. TIG Brief 32:1-2 Sep 26 '80

Fraud/waste/abuse: Conflicts of interest. TIG Brief 32:16 Sep 12 '80

How to prepare for the medical IG. TIG Brief 32:11-12 Feb 22 '80

Medical disaster cross-training grid. illus TIG Brief 32:7 Jul 25 '80

Medical Red Flag. illus Air Reservist 32:10-11 Feb '80

Medical policies and programs: Are we communicating with our beneficiaries? TIG Brief 32:11 Sep 26 '80

Medical Service: Inspection Guide E. TIG Brief pt 1, Active duty medical units. Section A, 32:21-22 Feb 8 '80; Section B (1-4), 32:17-22 Feb 22 '80; Section B (5-6), 32:18-21 Mar 7 '80; Section C, 32:20-21 Mar 21 '80; Section D (1-2), 32:18-21 Apr 4 '80; Section D (3), 32:19-21 Apr 18 '80; Section E (1-4), 32:18-21 May 4 '80; Section E (5), 32:18-22 May 16 '80; Section E (6-9), 32:16-22 Jun 13 '80; Section E (10-13), Sections F-I, 32:16-22 Jun 27 '80; Sections J-L, 32:16-21 Jul 11 '80; pt 2, Air Reserve forces medical units or activities. Section A, 32:19-20 Jul 25 '80

MEDICAL SERVICE - ContinuedAir Force--U.S. - Cont'd

Nurse practitioner and physician assistant supervision: Is yours adequate? TIG Brief 32:21 Sep 12 '80

The picture of health. (Reviewing medical services with AF Surgeon General LtGen Paul W. Myers) MSgt David B. Drachlis. illus Airman 24:8-12 Apr '80

Planning the Aerospace Medicine Program. TIG Brief 32:15 Jan 25 '80

Proper documentation in medical records: A social worker's professional responsibility. TIG Brief 32:5 Jul 11 '80

Providing medical social work services: A professional responsibility and requirement! TIG Brief 32:14 Mar 21 '80

Shift to med ID system (Defense Enrollment/Eligibility Reporting System (DEERS)) won't deny anyone care. AF Times 41:7 Nov 3 '80

Study (by Rand Corp) endorses physician extenders. AF Times 40:17 Jun 30 '80

Warskill training, medical. TIG Brief 32:22 Sep 12 '80

When (medical) records can be released. AF Times 40:15 Mar 3 '80

Armed Forces--U.S.

Abortion restrictions will have little impact. AF Times 41:15 Dec 8 '80

Birth benefits to cover standby doctors, nurse practitioners. AF Times 40:4 May 19 '80

CHAMPUS benefits plan delayed 'til '81. Paul Smith. AF Times 41:6 Oct 6 '80

Civilian response good to wartime hospital plan (Civilian-Military Contingency Hospital System). AF Times 41:16 Nov 17 '80

DEERS (Defense Enrollment/Eligibility Reporting System) expanding on West Coast, in Southeast. AF Times 41:32 Dec 15 '80

DEERS (Defense Enrollment/Eligibility Reporting System) may go overseas early. Len Famiglietti. AF Times 41:4 Nov 17 '80

DOD expanding system to catch military health care 'abusers.' AF Times 40:4 Jun 9 '80

DOD statistics: Pregnancy most common reason for hospitalization. AF Times 41:4 Nov 10 '80

DOD studying how to improve CHAMPUS. AF Times 41:9 Dec 22 '80

Defense planning test for health care choices. AF Times 40:41 Jun 16 '80

A doctor's tour on the Eniwetok Atoll. Lloyd E. Dodd, Jr. tabs Aviation, Space & Envmt Med 51:720-724 Jul '80

GAO faults DOD on plans to handle war casualties. AF Times 41:4 Jul 28 '80

MEDICAL SERVICE - ContinuedArmed Forces--U.S. - Cont'd

HMOs (Health Maintenance Organization) could offer better health care. AF Times 41:3 Dec 1 '80

Health fraud fight (Defense Enrollment/Eligibility Reporting System) expanding Aug 1. AF Times 40:25 Jul 7 '80

House takes hard line on abortion funding. AF Times 41:4 Oct 6 '80

Medical budgets cut by \$18M. Paul Smith. AF Times 41:3 Sep 29 '80

Medical care held improving. Interview. John H. Moxley III. AF Times 41:42 Nov 10 '80

Medical chiefs (Army's LtGen Charles C. Pixley, Navy's ADM Willard P. Arentzen, AF's LtGen Paul W. Meyers) pull no punches on Service care. (Briefing of ROA's National Council) illus Officer 56:16 Apr '80

Military dispensing THC. AF Times 41:11 Dec 1 '80

No major (budget) changes for health care. AF Times 40:9 Feb 11 '80

'Other' health plans get new focus. Richard C. Barnard. AF Times 40:4 Apr 7 '80

Psychiatric battle casualties: The missing column in a war without replacements. Majs Larry H. Ingraham and Frederick J. Manning. illus Mil Rev 60: 18-29 Aug '80

Readiness realism called for. AF Times 40:8 Jul 14 '80

(Rep Joseph) Addabbo repeats: Get docs out of admin(istrative) jobs. AF Times 40:4 May 26 '80

Voice your views on health care. Richard Barnard. AF Times 40:6 Jan 14 '80

War in Europe? Medics not ready. AF Times 40:41 Jun 16 '80

What you should know about DEERS (Defense Enrollment/Eligibility Reporting System). Col A. H. Humphreys. Officer 56:23 Sep '80

Women denied husband (health) care get break. AF Times 41:2 Jul 28 '80

Costs

CHAMPUS: Is the mess a myth? John Moxley III. illus tabs Defense/80, pp 2-11, May '80

Army--U.S.

Family practice. Helen Kay Ellsworth. illus Soldiers 35:45-47 May '80

MOMET (MOBILE MEDICAL Teams): Medics on the move. Sgt1C Joseph Hitt. Soldiers 35:38 Mar '80

Reserve Forces--Air Force--U.S.

Air Force Reserve medical units: Self inspection program. TIG Brief 32:6 Jun 27 '80

MEDICAL SERVICE - ContinuedReserve Forces--Air Force--U.S.--
Cont'd

Air National Guard and Air Force Reserve medical mission capability. TIG Brief 32:12 Feb 22 '80

A quality functional publications library for ARF (Air Reserve Forces) medical units. TIG Brief 32:23 Aug 29 '80

United States

(Sen) Percy hits failure of VA, DOD to share med units. illus AF Times 41:14 Aug 18 '80

MEDICAL SERVICE CORPSArmed Forces--U.S.

DOD defends putting doctors behind desks. Paul Smith. AF Times 41:22 Sep 1 '80

MEDICARE

(AF Retiree) Council wants CHAMPUS for retirees over 65. AF Times 41:29 Dec 15 '80

Are you eligible for CHAMPUS? illus Sergeants 18:13 Oct '80

Birth benefits to cover standby doctors, nurse practitioners. AF Times 40:4 May 19 '80

CHAMPUS. Steve Abbott. illus Soldiers 35:45-47 Jun '80

CHAMPUS benefits plan delayed 'til '81. Paul Smith. AF Times 41:6 Oct 6 '80

CHAMPUS boosts handicapped care. AF Times 41:3 Oct 13 '80

CHAMPUS chief on contractor performance. (Interview with Col Theodore Wood) illus AF Times 40:10 Mar 24 '80

CHAMPUS Chief reveals benefits package. (Interview with Ted Wood) Paul Smith. illus AF Times 41:36 Aug 18 '80

CHAMPUS dental plan approved by House. Martha Lynn Craver. AF Times 41:1+ Oct 20 '80

CHAMPUS: Is the mess a myth? John Moxley III. illus tabs Defense/80, pp 2-11, May '80

CHAMPUS to inaugurate higher payments July 1. AF Times 40:10 Jun 2 '80

DOD studying how to improve CHAMPUS. AF Times 41:9 Dec 22 '80

Defense planning test for health care choices. AF Times 40:41 Jun 16 '80

(Dental) care--boon to lower EM. Paul Smith. tab AF Times 40:22 Jun 9 '80

Dental plan 'OK, ' but not eye care. AF Times 41:16 Oct 20 '80

Director (Ted) Wood: Better (CHAMPUS) service this summer. AF Times 40:10 Jun 2 '80

HMOs (Health Maintenance Organizations) could offer better health care. AF Times 41:3 Dec 1 '80

MEDICARE - Continued

Health fraud fight (Defense Eligibility Enrollment Reporting System) expanding Aug 1. AF Times 40:25 Jul 7 '80

It hurts when they pay slow. Marian N. Fernandes. AF Times 40:43 Jun 2 '80

Medical care held improving. Interview. John H. Moxley III. AF Times 41:42 Nov 10 '80

No major (budget) changes for health care. AF Times 40:9 Feb 11 '80

'Other' health plans get new focus. Richard C. Barnard. AF Times 40:4 Apr 7 '80

Panel (House Armed Services Committee) OKs CHAMPUS dental bill--full House to consider expanded plan. AF Times 41:3 Oct 6 '80

Panel (House Armed Services Subcommittee on Military Personnel) OKs expanded kin dental care. tab AF Times 41:3 Sep 29 '80

Panel (Senate Armed Services Subcommittee on Manpower and Personnel) tables dental CHAMPUS till next year. Martha Lynn Craver. AF Times 41:18 Dec 8 '80

Report raises questions on CHAMPUS processing. AF Times 40:8 Mar 17 '80

Revised CHAMPUS dental plan. AF Times 41:7 Aug 18 '80

Survey: 83% want to quit CHAMPUS. Richard C. Barnard. AF Times 40:1+ Mar 31 '80

Top AF dentist supports new CHAMPUS plan. Interview. BrigGen Stanley C. Kolodny. AF Times 41:28 Nov 17 '80

Voice your views on health care. Richard Barnard. AF Times 40:6 Jan 14 '80

Costs

CHAMPUS participants: DOD backs bill allowing in-patient surgery option. AF Times 40:4 Jun 16 '80

MEDICINESee also

Aviation Medicine
Military Medicine

MEDITERRANEAN FLEET see Fleet, 6thMEDITERRANEAN REGION

Eastern Mediterranean: Sea of troubles. illus Def & For Aff 8:19-20+ Oct '80

The Eastern Mediterranean's glum situation. Gen T.R. Milton, Ret. illus map AF Mag 63:56-57+ Sep '80

Strategic Importance

The Mediterranean and Pentagon plans. V. Yefremov. Soviet Mil Rev No. 3:52-53 Mar '80

The resupply of Malta in World War II. Dora Alves. illus Nav War Col Rev 33:63-72 Sep-Oct '80

MEDITERRANEAN REGION - ContinuedStrategic Importance - Cont'd

Sixth Fleet update. CDR Brent Baker. illus tabs US Nav Inst Proc 106:52-59 Sep '80

MEEHAN, Dallace L.

Ethnic minorities in the Soviet military--implications for the decades ahead. LtCol Dallace Meehan. AU Rev 31:63-73 May-Jun '80

Yugoslavia after Tito--powder keg of the Balkans. LtCol Dallace L. Meehan. AU Rev 31:114-116 Sep-Oct '80

MEIS, Joe F.

World realities and the M-X. (Presentation, Clovis, NM, Chamber of Commerce, Sep 12, 1980) Joe F. Meis. AF Plcy Ltr for Comdrs: Sup, pp 27-36, Nov '80

MEMORIALS

See also
Cemeteries, National

In memory of many. (Memorial Park at Mountain Home AFB, ID, honors F-111 combat participants during the Vietnam War) illus Airman 24:47-48 Feb '80

In praise of the aircrew. (From a tribute read at the Memorial Service, Dyess AFB, TX, for the 463d TAW crewmen killed in the crash of their C-130 Hercules near Tarsus, Turkey, March 14, 1980) LtCol Gene Hollrah. AF Plcy Ltr for Comdrs: Sup, pp 35-36, Jun '80

Memorial windows: Camp Lejeune's stained glass masterpieces. LT Joseph R. Kerr. illus MarCor Gaz 64:45-48 Dec '80

Senate approves bill for Viet vet memorial. Armed Forces J Intl 117:12 Jun '80

Tributes ... Maj Clifford Bernath. illus Soldiers 35: 38-40 Nov '80

MENTAL HEALTH

See also
Psychiatry

Professional quality medical evaluation of members for special assignments. TIG Brief 32:7-8 May 30 '80

Psychiatric battle casualties: The missing column in a war without replacements. Majs Larry H. Ingraham and Frederick J. Manning. illus Mil Rev 60: 18-29 Aug '80

Retirement: The double whammy. Paul Smith. AF Times 41:43 Dec 1 '80

MENTAL HEALTH CENTERS see Mental HealthMERCHANT MARINERussia

Soviet seapower in light of Mahan's principles. ENS Frank C. Pandolfe. illus US Nav Inst Proc 106:44-46 Aug '80

MERCHANT MARINE - ContinuedRussia - Cont'd

The strategic dimensions of maritime power. Col Warren P. Baker, Ret. illus tabs Sea Power 23:20+ Nov '80

United States

Do American shipping and shipbuilding have a future? Clinton H. Whitehurst, Jr. illus US Nav Inst Proc 106:66-71 Apr '80

Flags of convenience or flags of necessity? CAPT Albert T. Church, Jr, Ret. illus US Nav Inst Proc 106:52-57 Jun '80

MarAd Chief discusses U.S.-flag problems, prospects, and pending legislation. Interview. Samuel B. Nemirow. illus Sea Power 23:37-44 May '80

The Merchant Marine: What can we count on? Samuel B. Nemirow. illus Defense/80, pp 10-15, Oct '80

Missing strategic link: A strong U.S. Merchant Marine. Richard T. Ackley and Steven T. Ackley. illus tabs Strat Rev 8:51-63 Winter '80

Navy completes first flight tests on Arapaho--sea trials scheduled 'later this year.' James J. Mulquin. illus Sea Power 23:31-33 Nov '80

1980 realities chart course for U.S. Merchant Marine. Charles I. Hiltzheimer. illus Def Trans J 36: 14-20 Jun '80

Omnibus maritime bill moves ahead; extended floor debate possible. L. Edgar Prina. illus Sea Power 23:20-22 May '80

The potential for foreign ownership in the U.S. maritime industry. Ernst G. Frankel. illus US Nav Inst Proc 106:36-41 Feb '80

Potentials for energy savings in U.S. shipping. Ernst G. Frankel. illus tab US Nav Inst Proc 106: 101-103 Jun '80

The strategic dimensions of maritime power. Col Warren P. Baker, Ret. illus tabs Sea Power 23:20+ Nov '80

MERCY MISSIONS

Navajo SOS. SMSgt Gus Vinas. illus Air Reservist 32:19+ May '80

The season to be helpful: The Guard pitches in! (1979 winter storms in Colorado and Wyoming) illus Natl Guard 34:6-9 Jan-Feb '80

When the rains came (in southern California) ... SP5 Harry Williams. illus Soldiers 35:52 Aug '80

MERKLING, Richard E.

Status of our strength and will. (Presentation, Dining-Out, Wright-Patterson AFB, OH, Sep 13, 1980) LtGen Richard E. Merklung. AF Plcy Ltr For Comdrs: Sup, pp 16-21, Nov '80

METALS

Crisis ahead in metals vital to engines. AF Times 40:13 Apr 28 '80

METALS - Continued

Dental precious metals management. TIG Brief 32:6 Jun 27 '80

The national defense stockpile. Defense/80, pp 23-24 Dec '80

Strategic materials--important factors in readiness. John D. Morgan, Jr. illus tabs Mil Engr 72:413-417 Nov-Dec '80

METEOROLOGY

See also
Climatic Research
Weather

Aviation meteorology and the WMO (World Meteorological Organization). Chris Bulloch. illus Interavia 35:527-530 Jun '80

METHODOLOGY

See also subdivision Methodology under specific subjects

METRIC SYSTEM see Weights and Measures

MEXICO

Transfer of technology and the fuel cycle. Dalmau Costa. AEI For Plcy & Def Rev 1, No.6:9-15 '79

MEYER, Edward C.

Army challenges in the 80's: The big picture. Gen E.C. Meyer. (Excerpts from "White Paper 1980") Soldiers 35:28-29 Jul '80

Army Chief of Staff issues 'White Paper.' (Excerpts) Gen Edward C. Meyer. Army Log 12:5-7 Jul-Aug '80

Leadership: A return to basics. Gen Edward C. Meyer. por Mil Rev 60:4-9 Jul '80

National unity resource of value. (Keynote address, Army Section ROA, Washington, Feb 21, 1980) Gen Edward C. Meyer. Officer 56:14-15 Apr '80

"Now everybody can shoot at me." Interview. Gen Edward C. Meyer. por Armed Forces J Intl 117: 37+ Mar '80

Professional ethics is key to well-led, trained Army. Gen Edward C. Meyer. por Army 30:11-14 Oct '80

United States. Gen Edward C. Meyer. por NATO's Fifteen Nations Special Issue No. 1:105+ '80

MICROFICHE see Microforms

MICROFILM see Microforms

MICROFORMS

Looking at COM (Computer-Output-Microfilm): Growth coming in government usages. Sam Trippe. Govt Exec 12:49-50 May '80

Opportunity and catastrophe: How government looks to NMA (National Micrographics Assoc). C.W. Borklund. illus Govt Exec 12:14+ May '80

MICRONESIA

Micronesia in transition. LT Jose Luis Betancourt. map illus US Nav Inst Proc 106:58-62 Feb '80

MICROWAVE LANDING SYSTEMS

MADGE (Microwave Aircraft Digital Guidance Equipment): Mobile multipurpose MLS. Stefan Geisenheyner. illus Def Elect 12:50+ May '80

MLS--user commitment is needed now. Michael F. Whitney. illus tab Interavia 35:587-590 Jul '80

What brings us down tomorrow: Landing guidance systems for the 1980s. Rodger Goodson. illus Interavia 35:58-59 Jan '80

MICROWAVES

See also
Millimeter Waves

Exposure to radio-frequency radiation from an aircraft radar unit. Robert A. Williams and Thomas S. Webb. Aviation, Space & Envmt Med 51:1243-1244 Nov '80

Fighting with man-made lightning. Stefan Geisenheyner. illus Asian Def J No. 1:22-23+ Jan-Feb '80

Microwaves and psychological conditioning: Breaking the mind barrier. Stefan T. Possony. illus Def & For Aff 8, No.3:46-47 '80

Microwaves key to disease scans. Paul Smith. illus AF Times 41:18 Aug 25 '80

The respiratory response to microwaves. C.O. Criborn and C.-J. Clemedson. illus tabs Aviation, Space & Envmt Med 51:1139-1143 Oct '80

MIDDENDORF, John W., II

An alternate Navy shipbuilding program. J. William Middendorf II and John J. Spittler. Sea Power 23: 13-18 Mar '80

MIDDLE EAST

Conflict in the Middle East: Time for an American energy contingency plan. Edward Teller. illus Parameters 10:16-19 Dec '80

Confrontation in the Middle East. Gen Hamilton H. Howze, Ret. illus map Army 30:22-26 Aug '80

The Middle East in 1980--at the "crossroads of unrest." Arabel G. Kossow. map Armed Forces J Intl 117:33+ Mar '80

Middle East: Perpetual hotspot. Gen T.R. Milton, Ret. AF Mag 63:61 Aug '80

Middle-Eastern maelstrom. Robin N. Montgomery. illus map Natl Def 64:28-32+ Jun '80

Mideast survey: Problems and prospects. Gen T.R. Milton, Ret. illus map AF Mag 63:67-71 Aug '80

Shifting sands of peace in the Middle East. Mohamed Sid-Ahmed. Intl Sec 5:53-79 Summer '80

MIDDLE EAST - Continued

The Sinai field mission: A step toward peace in the Middle East. David A. Napoliello. map illus Parameters 9:20-27 Dec '79

Western military capability in the Middle East. AM Frederick Sowrey. illus map NATO's Fifteen Nations 25:28-30+ Oct-Nov '80

Strategic Importance

The troubled Middle East: More fluid, more important than ever. Gregory Copley. illus Def & For Aff 8, No.6:6-12+ '80

A Western force for East of Suez. Frank Uhlig, Jr. Armed Forces J Intl 117:39+ Aug '80

MIDDLE EAST CRISIS, 1967

See also
Arab-Israeli Conflict, 1967-
Middle East War, 1973

MIDDLE EAST WAR, 1973

See also
Arab-Israeli Conflict, 1967-

Lessons Learned (Military)

Overcoming air defenses: A misuse of air power. Capt R.W. Walker. MarCor Gaz 64:20-22 Oct '80

Some lessons from the Israelis. Maj William C. Fite. illus MarCor Gaz 64:32-38 Sep '80

MILITARISM

Is nothing worth fighting for? Gen T.R. Milton, Ret. AF Mag 63:82 Jun '80

Militarist fumes in NATO. Col V.Katerinich. illus Soviet Mil Rev No.9:50-52 Sep '80

MILITARY ACADEMIES

See also
Noncommissioned Officers Academies

Russia

Worthy successors. (Red Banner Higher Command Combined-Arms School) Col Ye. Besschyotnov. illus Soviet Mil Rev No.3:31-33 Mar '80

United States

See also Service academies by name, e.g.,
Air Force Academy
Coast Guard Academy, New London, CT
Military Academy, West Point, NY
Naval Academy, Annapolis, MD

Carpenter's views: Academies lagging in minority efforts. AF Times 41:10 Sep 8 '80

Women graduates of the Academies. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 16 '80

MILITARY ACADEMY, WEST POINT, NY

Engineering education at West Point. LtCol William D.Siuru, Jr. illus tabs Mil Engr 72:248-251 Jul-Aug '80

Personality characteristics of male and female leaders at the U.S. Military Academy. Maj Jerome Adams and others. tabs J Pol & Mil Sociol 8:99-105 Spring '80

MILITARY AFFILIATE RADIO SYSTEM

Ham radio & MARS news. Regular feature in issues of Signal

MILITARY AID TO FOREIGN COUNTRIES

Arsenal diplomacy: Problems and prospects. Stephen P.Gibert. tabs Intl Sec Rev 5:375-406 Fall '80

Fulfilling internationalist duty. (Military assistance rendered by the Soviet Union to the peoples fighting for their freedom and independence from 1920 to 1940) Lt-Col N.Larichev. Soviet Mil Rev No.3: 46-48 Mar '80

China (People's Republic)

U.S. may offer China tactical cruise missiles. Benjamin F.Schemmer. Armed Forces J Intl 117:23+ May '80

Japan

Northeast Asia: The shifting balance. F.Clifton Berry, Jr. illus tabs map AF Mag 63:34-41 Jun '80

Korea (Republic)

Northeast Asia: The shifting balance. F.Clifton Berry, Jr. illus tabs map AF Mag 63:34-41 Jun '80

MILITARY AIRLIFT COMMAND

See also
Aerospace Rescue and Recovery Service
Air Force, 21st
Air Force, 22d
Air Weather Service
Airlift Center
Airlift Operations School

Airlift heritage: Evolution of airlift. (Address, Airlift Operations School, Jan 24, 1980) Gen Jack J.Catton, Ret. illus Airlift Ops Rev 2:23-29 Apr-Jun '80

America's ships of state (support the official transportation requirements of the President, Vice President, the Cabinet, and the DOD). (89th Military Airlift Gp and 76th Security Police Sq, Andrews AFB, MD) MSgt David B.Drachlis. illus Airman 24:38-42 May '80

Automated command and control in MAC. Capt Susan K.Hinderleider. illus Airlift Ops Rev 2:19-23 Oct-Dec '80

Cargo cowboys. (National aerial port championship) Maj Kim McDonald. illus Air Reservist 32:10-11 Jul '80

Close Look II. Capt James P.Coe. illus MAC Flyer 27:20-23 Jun '80

MILITARY AIRLIFT COMMAND - Continued

- Command (and Control) Center keeps check on MAC. A1C Tanya L. Lairamore. illus AF Times 41:12 Sep 29 '80
- Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal
- Flying in the dirt. (MAC pilots are trained to avoid detection by the enemy during Red Flag training at Nellis AFB, NV) TSgt Alan Prochoroff. illus Airman 24:11-16 Nov '80
- (MAC) accident statistics for 1979. illus tabs MAC Flyer 27:8-10 Apr '80
- The MAC Ark. Charles W. Dickens. illus Airlift Ops Rev 2:27-29 Jul-Sep '80
- Military Airlift Command. tab illus charts AF Mag 63:80-82 May '80
- Moving anywhere anytime soon? Bruce Callander. illus AF Times 41:20+ Nov 10 '80
- New MAC school offers training in combat control. AF Times 40:25 May 12 '80
- The nit-pickers. (Charleston AFB, SC's aircraft maintenance inspectors thoroughly check the C-141s assigned to MAC's 437th Military Airlift Wing) Sgt Craig Pugh. illus Airman 24:38-43 Apr '80
- 150 new crews OK'd for airlift training. Lee Ewing. illus AF Times 41:16 Aug 4 '80
- Patriotism lies in nation's soul. Gen Robert E. Huyser. illus Officer 56:12-13 Jul '80
- Pax, trash and Mother MAC. Capt Carl Gidlund. illus Air Reservist 32:18-19 Dec '79-Jan '80
- Professional airlift management education. (Airlift Operations School, Scott AFB, IL) TIG Brief 32:13 Sep 12 '80
- RAMPART: Route to Airlift Mobility through Partnership. John F. Shea. illus tabs Def Trans J 36: 6-8+ Sep '80
- Riding high! (Military Airlift Command's Volant Rodeo) illus Natl Guard 34:26-29 Nov '80
- South for the winter. Capt James P. Coe. illus MAC Flyer 27:8-11 Mar '80
- Ten missions ahead: At Red Flag, MAC crews get shot down and live to learn from it. 1stLt Ben Rich. illus MAC Flyer 27:4-5 Oct '80
- USAF stresses extensive use of MAC resources. illus Aerosp Intl 15:53 Oct-Nov '79
- Views of Vice CINCMAC. Interview. LtGen Thomas M. Ryan, Jr. illus Airlift Ops Rev 2:2-10 Jan-Mar '80
- Volant Rodeo '80 (MAC's tactical airlift competition). illus Air Reservist 32:10-11 Sep-Oct '80

MILITARY ART AND SCIENCESee also

- Attack and Defense (Military Service)
- Deception in Warfare
- Interdiction
- Strategy
- Surprise in Warfare
- Tactics
- The Battle of Marathon, or what's a 2500-year-old battle got to do with me? MajGen I. B. Holley, Jr. AU Rev 31:46-50 Jul-Aug '80
- Clausewitzian lessons for modern strategists. Thomas H. Etzold. AU Rev 31:24-28 May-Jun '80
- The commanding officer's tactical skills. VAdm V. Kruglyakov. illus Soviet Mil Rev No. 6:9-12 Jun '80
- Doing things the same or differently--an alternative approach to the study of conflict. Maj James M. Simpson. AU Rev 31:88-93 May-Jun '80
- Fire counter fire: Bureaucratic tactics. William S. Lind. AU Rev 31:87-89; Responses. Capt James B. Smith and Maj Leonard L. Walls. 31:89-93 Jan-Feb '80
- Logistics with a difference. (Soviet Army logistics capability) LtCol William P. Baxter, Ret. illus Army 30:29+ Nov '80
- Naval forces' cooperation. RAdm G. Kostev. illus Soviet Mil Rev No. 8:37-39 Aug '80
- The Naval War College and the origins of war-planning against Japan. Michael Vlahos. illus Nav War Col Rev 33:23-41 Jul-Aug '80
- New thoughts on war. MajGen B. E. Trainor. illus MarCor Gaz 64:49-51 Dec '80
- On bringing back the principles of war. LtCol Richard M. Swain. illus Mil Rev 60:40-46 Nov '80
- On War today? LtCol James L. Cole, Jr. AU Rev 31:20-23 May-Jun '80
- Principles of deterrence. Col John M. Collins, Ret. illus tabs AU Rev 31:17-26 Nov-Dec '79; Comments. LtCol Michael B. Seaton and others. 31:77-84 Jul-Aug '80
- Some thoughts on Air Force doctrine. Maj Robert C. Ehrhart. illus AU Rev 31:29-38 Mar-Apr '80
- The strategic dimensions of global war. Theodore Ropp. AU Rev 31:58-64 Jul-Aug '80
- A successor to the Sea Harrier? Comdr M. Forrest. illus RUSI J for Def Studies 125:34-39 Mar '80
- Sun Pin's Art of War: A summary. John W. Killigrew. AU Rev 31:50-58 Jul-Aug '80

MILITARY ASSISTANCE ADVISORY GROUPIran

- Iran: The advisers' view. Maj Arley H. McCormick. map illus Mil Rev 60:67-74 Feb '80

Third World

- The extended family. James Hansen. illus tabs Def & For Aff 8:6-11 Sep '80

MILITARY ASSISTANCE PROGRAMSee also

- Security Assistance Program

MILITARY ASSISTANCE TO SAFETY AND TRAFFIC
see MAST

MILITARY BASESSee also

Air Bases
 Army Posts
 Inactivation of Installations and Units
 Marine Corps Bases
 Missile Bases
 Naval Bases

United States

NE-Midwest group wants more defense. AF Times
 41:2 Sep 1 '80

MILITARY BASES, AMERICAN

Rossi decision: Rehearing urged on foreign hiring.
 Tom Philpott. AF Times 41:4 Nov 17 '80

Japan

Our military partnership with Japan. LtGen William
 H. Ginn, Jr. illus Defense/80, pp 18-20, Nov '80

MILITARY CEREMONIES, HONORS AND SALUTES

Black Jack: He also served. Daisybelle D. Elkins.
 illus Mil Rev 60:55-57 Dec '80

MILITARY-CIVIL RELATIONS

Civil-military operations instruction. Col Philip D.
 Coleman. illus tab Mil Rev 60:13-18 Feb '80

Civil-military relations in new states. J. 'Bayo Adek-
 son. RUSI J for Def Studies 125:58-63 Mar '80

Civilian control and military professionalism: A sys-
 temic problem. Col Trevor N. Dupuy, Ret. illus
 Strat Rev 8:36-43 Winter '80

Civilian control of the military in Southeast Asia.
 Col John Schligh. illus AU Rev 32:56-69 Nov-
 Dec '80

Civilian policy makers and military objectives: A
 case study of the U.S. offensive to win the Korean
 War. Clarence Y. H. Lo. J Pol & Mil Sociol 7:229-
 242 Fall '79

Defense and mass mobilization in Romania. David P.
 Burke. Armed Forces & Soc 7:31-49 Fall '80

Greek civil-military relations: A different pattern.
 James Brown. tabs Armed Forces & Soc 6:389-
 413 Spring '80

Internal and external integration among soldiers.
 John D. Blair. tabs J Pol & Mil Sociol 8:227-242
 Fall '80

Lenin's principles of Soviet military construction.
 Maj-Gen V. Novikov and Col N. Kuznetsov. Soviet
 Mil Rev pt 1, No. 4:2-5 Apr '80; pt 2, No. 5:15-17
 May '80

Malaysian national security from the bureaucrat's
 eye: A preliminary analysis. Zara Dian. illus map
 tabs Asian Def J No. 4:8-10+ Jul-Aug '80

The military and political decompression in Brazil.
 Jan Knippers Black. Armed Forces & Soc 6:625-
 638 Summer '80

The military in contemporary Pakistan. Shirin Tahir-
 Kheli. tabs Armed Forces & Soc 6:639-653 Sum-
 mer '80

MILITARY-CIVIL RELATIONS - Continued

Military leadership: Time for a change? LtCol Sam
 C. Sarkesian, Ret. illus Mil Rev 60:16-24 Sep '80

The military role in international negotiations. John
 E. Lawyer, Jr. illus AU Rev 31:27-34 Jan-Feb '80

The military withdrawal from power in South Ameri-
 ca. Martin C. Needler. Armed Forces & Soc 6:614-
 624 Summer '80

1980 Winter Olympics: Total Army support. Capt
 Gardner M. Nason. illus Soldiers 35:50-53 Jan '80

Political reliability in the Eastern European Warsaw
 Pact armies. Dale R. Herspring and Ivan Volgyes.
 tabs Armed Forces & Soc 6:270-296 Winter '80

Targeting problems for central war. Colin S. Gray.
 illus Nav War Col Rev 33:3-21 Jan-Feb '80

Turkey--present situation. LtGen Ira C. Eaker, Ret.
 AF Times 41:21-22 Dec 15 '80

Why the country cannot afford OSD: A case in point--
 the F-18 was not worth buying in the first place.
 George A. Spangenberg. illus Armed Forces J Intl
 117:17-18 Aug '80

Why Turkey's Army seized power. Michael Dunn.
 Def & For Aff 8:48 Oct '80

MILITARY CONFERENCES see Conferences, MilitaryMILITARY DEPENDENTS see Dependents, MilitaryMILITARY EDUCATION see Education, Scientific;
Education, Technical; Education and TrainingMILITARY ENGINEERING

Air Force engineering challenges for the 1980's. Joe
 F. Meis. illus Mil Engr 72:107-109 Mar-Apr '80

Air Force engineering in the 1980's. MajGen William
 D. Gilbert. illus charts Mil Engr 72:15-18 Jan-
 Feb '80

The antitank ditch--reviving an old concept. John F.
 Rybicki. illus tab Mil Engr 72:418-421 Nov-Dec '80

Engineers--mobilized for peace and war. LtGen John
 W. Morris. illus tabs maps Mil Engr 72:4-8 Jan-
 Feb '80

Offshore technology. Regular feature in issues of
Military Engineer

Pulling the engineer family together. LtGen John W.
 Morris, Ret. illus Mil Engr 72:428-430 Nov-
 Dec '80

Soviet scientific/technical manpower: Much more than
 a simple numbers game. Jill E. Heuer. illus tab
 Govt Exec 12:34+ Apr '80

Testing the Navy's professional and managerial
 skills. RADM Donald G. Iselin. illus chart Mil
 Engr 72:9-13 Jan-Feb '80

Study and Teaching

Teaching Air Force engineering. Col Oren G. Strom.
 illus Mil Engr 72:232-235 Jul-Aug '80

MILITARY ENGINEERING - ContinuedStudy and Teaching - Cont'd

Training the Army engineer team. Faculty, Engineer School, Fort Belvoir, VA. illus Mil Engr 72:256-259 Jul-Aug '80

MILITARY ENLISTMENT PROCESSING COMMAND

The Admiral's land command. (RADM Thomas F. Brown III, current head of the Military Enlistment Processing Command) Sgt Craig Pugh. illus Airman 24:40-43 Nov '80

MILITARY EXPORT SALES see Arms SalesMILITARY HISTORY

See also subdivision History under specific Services

The Battle of Marathon, or what's a 2500-year-old battle got to do with me? MajGen I. B. Holley, Jr. AU Rev 31:46-50 Jul-Aug '80

The bridge at Remagen. illus Soldiers 35:20-21 Sep '80

The development of the modern military. Martin Blumenson. Armed Forces & Soc 6:670-682 Summer '80

For a socio-historical approach to the study of western military culture. Stephen Wilson. Armed Forces & Soc 6:527-552 Summer '80

"A foreign troop ..." Maj David P. Evans. illus US Nav Inst Proc 106:32-37 Jun '80

The heyday of the balance of power: Frederick the Great and the decline of the old regime. James A. Nathan. illus Nav War Col Rev 33:53-67 Jul-Aug '80

History. Regular feature in issues of Armada International

In search of lessons: The development of a Vietnam historiography. Joe P. Dunn. illus Parameters 9: 28-40 Dec '79

The King's German Legion at Waterloo. John Koster. illus map Infantry 70:26-32 Mar-Apr '80

The Lake Nicaragua naval base scheme. LCDR Daniel H. Wicks, Ret. illus map US Nav Inst Proc 106: 56-60 Aug '80

12th Lancers at Moy (1914). Capt Douglas S. Aykroyd. illus map Armor 89:20-23 Jan-Feb '80

Legends of the Revolution: Women in the fight for independence. LtCol Gordon Taylor Bratz. illus Soldiers 35:24-25 Jul '80

Lessons learned from Vietnam: Book review essay. Allan R. Millett. MarCor Gaz 64:72-76+ Sep '80

The strategic dimensions of global war. Theodore Ropp. AU Rev 31:58-64 Jul-Aug '80

Struggle for the Soviet Far East (1918-22). Col S. Gusarevich. map Soviet Mil Rev No.9:44-47 Sep '80

MILITARY HISTORY - Continued

Sun Pin's Art of War: A summary. John W. Killigrew. AU Rev 31:50-58 Jul-Aug '80

Tadeusz Kosciuszko: Father of American artillery tactics. Capt David T. Zabecki. illus Fld Arty J 48:58-60 Jul-Aug '80

They lived the Code. MSgt Richard Raymond. illus Soldiers 35:33-36 Oct '80

Two different worlds? The military historian and the U.S. Air Force. Dennis E. Showalter. illus AU Rev 31:29-37 May-Jun '80

The victory on Kulikovo Field. (Battle of Kulikovo between the Russian and the Mongol-Tartar armies, 1380) Col L. Kozlov. illus Soviet Mil Rev No.9: 38-41 Sep '80

MILITARY JUSTICE

CMA revamp moves to Senate. AF Times 41:14 Oct 20 '80

Everett: CMA 'at the pinnacle.' Robinson O. Everett. illus AF Times 40:23 Jul 14 '80

On trial: A look at 'the system.' Helen Kay Ellsworth. illus tab Soldiers 35:6-9 Nov '80

Quality of legal services improves. Interview. MajGen Walter D. Reed. AF Times 40:8 Apr 14 '80

MILITARY LAW

See also
Military Justice

The laws of war and belligerent reprisals against enemy civilian populations. Maj Matt C. C. Bristol III. AF Law Rev 21, No.3:397-431 '79

The new Council on Environmental Quality regulations: The tiger's new teeth. Maj Laurent R. Hourcle. AF Law Rev 21, No.3:450-461 '79

Russia

Drill Regulations. Col V. Valiyev. illus Soviet Mil Rev No.1:52-53 Jan '80

Naval Regulations. Capt V. Drozdov. illus Soviet Mil Rev No.3:38-40 Mar '80

United States

See also
Court of Military Appeals
Courts-Martial
Uniform Code of Military Justice

CMA: Blood tests can be ordered for drinkers. Don Mace. AF Times 41:2 Nov 17 '80

The rule in Ginyard's case--congressional intent or judicial field expedient? Capt William A. Woodruff. AF Law Rev 21, No.2:285-329 '79

Rules of Evidence closer to civilian. AF Times 41:4 Jul 28 '80

Some lawyers criticize CMA. AF Times 40:14 Mar 3 '80

MILITARY LIFE

Army wives speak out. SP5 Linda Kozaryn. illus Soldiers 35:28-32 Dec '80

Barracks life and the single soldier. Steve Abbott. illus Soldiers 35:6-12 Jan '80

Coping with those TDY blues. Capt Kathleen Meiss-Donmeyer. illus AF Times 40:18 May 19 '80

DOD study: AF lowest in drug use. Paul Smith. tabs AF Times 41:1+ Dec 15 '80

Dangerous cargo, defused duty: The Navy is not explosive on the USS Santa Barbara. Fred Reed. illus AF Times, Times Magazine sup:6-10 May 5 '80

Dear Son, It still means something to be an officer--don't blow it the way I did. Robert L. Quinnett. illus AF Times, Times Magazine sup:18-20+ Aug 4 '80

First-class Army... 4th class living conditions. Interview. LtGen Julius W. Becton, Jr. illus Army 30:22-26 Nov '80

The first ten days. Capt Gardner M. Nason. illus Soldiers 35:28-31 Sep '80

For a socio-historical approach to the study of western military culture. Stephen Wilson. Armed Forces & Soc 6:527-552 Summer '80

Fully-fledged citizen (Soviet serviceman). Col L. Fyodorov. illus Soviet Mil Rev No. 6:27-28 Jun '80

Hahn (AB, Ger), Cannon (AFB, NM) test 24-hour child care. Don Mace. AF Times 41:2 Aug 4 '80

House swaps: Saving time, money, careers. AF Times 40:1+ Apr 21 '80

"I do, I do": Tying the knot overseas is not that easy. Joann L. Dettmann. illus AF Times 40:39-40 Jun 23 '80

"I watched my husband destroy his career": A woman's personal story. Margaret Crawford. illus AF Times, Times Magazine sup:16-18 Jul 7 '80

Individual pride--unit pride. CMSAF James M. McCoy. AF Plcy Ltr for Comdrs: Sup, pp 13-14, Jul '80

Let's be professionals. (Presentation, Air Force ROTC Summer Encampment Dining-In, Wright-Patterson AFB, OH, July 11, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 12-18, Sep '80

The life of a Soviet soldier. Steve Abbott. illus tab Soldiers 35:6-10 Jul '80

Living and family patterns in the Air Force. Ch(MajGen) Richard Carr and others. illus AU Rev 31:75-86 Jan-Feb '80

Loneliness is part of the job. MajGen A.S. Newman. illus Army 30:63-64 Apr '80

Many marriages under stress, but 'quality' still high. Don Mace. AF Times 41:1+ Sep 22 '80

MILITARY LIFE - Continued

Marriages: Survey cites two major conflicts (finances and childrearing). Don Mace. AF Times 40:1+ Jul 7 '80

Meeting him on foreign shores. Susanne D. Williams. AF Times pt 1, 41:43-44 Oct 13 '80; pt 2, 41:47-48 Oct 20 '80

Morale: An invisible weapon. Maj Edgar L. Smith III. illus Armor 89:20-22 Mar-Apr '80

More moonlight to get by. Don Mace. AF Times 40:3 May 5 '80

PCS moves: Actions to ease \$\$ crunch. Len Falmiglietti. AF Times 40:1+ May 26 '80

Pour more energy into human factor. Interview. MajGen Richard Carr. AF Times 41:5 Aug 18 '80

Pre-enlistment expectations/perceptions of Army life, satisfaction, and re-enlistment of volunteers. Col Donald E. Gauntner and others. tabs J Pol & Mil Sociol 8:31-42 Spring '80

Retention: Is pay the #1 issue? LT Dan N. Edelstein. tabs US Nav Inst Proc 106:74-78 Jun '80

Retention: The pressure is on. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 106:40-45 Apr '80

Retirement: The double whammy. Paul Smith. AF Times 41:43 Dec 1 '80

Selling Uncle Sam: What every recruiter's wife should know. Barbara Wills. illus AF Times, Times Magazine sup:4-7 Aug 4 '80

A ship is not a home. LCDR L.E. Goodnight. US Nav Inst Proc 106:104-105 Mar '80

Sociopolitical alienation and military efficiency. Stephen D. Westbrook. tabs Armed Forces & Soc 6: 170-189 Winter '80

Soldier couples. SP5 Linda D. Kozaryn. illus Soldiers 35:10-14 Sep '80

Step in the right direction. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 29 '80

Support centers for kin, INTRO (Individualized Newcomer Treatment and Orientation) expansion pushed. AF Times 41:14 Oct 20 '80

Survey of family attitudes--good communication most important. AF Times 41:10 Nov 3 '80

TDY can cause strain. illus AF Times 41:10 Nov 3 '80

Those magnificent men, those old flying machines--are B-52 crews the kamikazes of tomorrow? Jay Finegan. AF Times, Times Magazine sup:6-9+ Oct 6 '80

Toward cohesion, stability: A 'reciprocal commitment.' LtGen Robert G. Yerks. illus Army 30:98-101+ Oct '80

Twin generals (LtGen Charles C. Pattillo, MajGen Cuthbert A. Pattillo) part after 28 years. AF Times 41:49 Sep 15 '80

The unique hardships of sea duty. CAPT Thomas M. Hale and Linda D. Pappas. illus tabs US Nav Inst Proc 106:67-73 Nov '80

MILITARY LIFE - Continued

When to stand, who goes first, what to bring: Questions and answers about modern military etiquette. Arleen Wadowski. illus AF Times, Times Magazine sup:10-13 Jul 7 '80

Why AF pilots resign: They don't fly enough. John Ginovsky. AF Times 41:1+ Nov 10 '80

MILITARY MANPOWER see Manpower, Military

MILITARY MEDICINE

A chamber of life. (Hyperbaric medicine treats a variety of illnesses and wounds in pressure chambers at Brooks AFB, TX) TSgt Alan Prochoroff. illus Airman 24:15-19 Sep '80

Fund cuts held threat to (military medical research) labs. Paul Smith. AF Times 41:16 Sep 15 '80

Guide to treating 'shaving bumps' revised. Pat Dalton. AF Times 41:2 Sep 8 '80

Respiratory disease most common ailment (of military people). AF Times 41:4 Oct 27 '80

The role of the specialist in environmental medicine. (Harry G. Armstrong Lecture) John Rawlins. illus Aviation, Space & Envmt Med 51:908-912 Sep '80

Who's Dr SAM (School of Aerospace Medicine)? TAC Attack 20:25 Aug '80

MILITARY OCCUPATION SPECIALTY see Personnel Classification--Army--U.S.

MILITARY OFFENSES see Crimes and Misdemeanors

MILITARY PAY PROPOSALS, 1980

Congress weighs range of raises. Martha Lynn Craver. tab AF Times 40:1+ Apr 21 '80

Here's rundown of proposed benefit plans. Paul Smith. AF Times 40:4 Apr 21 '80

Rundown on legislative pay proposals. Martha Lynn Craver. tab AF Times 41:10-11 Jul 28 '80

MILITARY PLANNING

'Brush fires' vs planning: Training's silent 1 1/2 war. James K. McCollum. illus Army 30:30-32 Jan '80

The contingency challenge is for real. Majs John Van de Kamp and Ken McCormick. illus Combat Crew 30:4-6 Mar '80

The future of the Joint Chiefs of Staff. John G. Kester. AEI For Plcy & Def Rev 2, No. 1:2-23 '80

Lessons in strategic planning. Stefan T. Possony. Def & For Aff 8, No. 6:46-47 '80

Looking to the long run. (Navy's Long Range Planning Group) CDR Gordon G. Riggle. illus US Nav Inst Proc 106:60-65 Sep '80

NATO common-funded infrastructure projects. (Address, AFCEA NATO Brussels Symposium, Oct 1980) VAdm D.A. Collins, Ret. Signal 35:35-38 Dec '80

New concepts for organizing and managing fire support, 1986-2000. Col Robert S. Riley, Ret. charts Fld Arty J 48:42-47 Jan-Feb '80

MILITARY PLANNING - Continued

Organizing for national security. Philip A. Odeen. Intl Sec 5:111-129 Summer '80

Our diminishing manpower resources. Thomas H. Etzold. illus Army 30:10-14 Jan '80

Planning for the Navy of the 1980s. VADM M. Staser Holcomb. illus tabs US Nav Inst Proc 106:40-45 Sep '80

The quality of military advice. ADM James L. Holloway III, Ret. AEI For Plcy & Def Rev 2, No. 1: 24-36 '80

The SALT II crisis: An opportunity to limit the dangers. LtGen George M. Seignious II, Ret. illus Parameters 9:2-6 Dec '79

So you wanna be the Brigade Three (S3) ... Majs John W. Braden, Jr and V. Paul Baerman. illus Mil Rev 60:47-59 Sep '80

Strategic planning and the policy process: American plans for war in East Asia, 1945-1950. Roger Dingman. Nav War Col Rev 32:4-21 Nov-Dec '79

A successor to the Sea Harrier? Comdr M. Forrest. illus RUSI J for Def Studies 125:34-39 Mar '80

Summer song of the strategic ponderer: Is it really strategic thinking--or just procrastination? R. James Woolsey. illus Armed Forces J Intl 117:34 Jul '80

The U.S. Navy and War Plan Orange, 1933-1940: Making necessity a virtue. Michael K. Doyle. illus Nav War Col Rev 33:49-63 May-Jun '80

MILITARY POLICE

Hanscom (AFB, MA) shooters sweep AFSC meet. (Security Police marksmanship matches). illus AF Times 41:48 Nov 10 '80

'Have gun will travel.' (Rail security for the Army in Europe) G.S. Taylor. illus Translog 11:17 Apr '80

How to improve master surveillance and control facility safety. TIG Brief 32:5 Dec 12 '80

Longer delays projected for security probes. AF Times 41:18 Dec 15 '80

MPs: They struggle with 'ghosts.' Col Russell E. Parmenter. illus Army 30:36-39 Jan '80

1981 combat competition (Peacekeeper Challenge) to replace SPs' shootout. AF Times 41:12 Aug 4 '80

A place for the peacekeepers (USAF Security Police Museum at Lackland AFB, TX). Capt Miles C. Wiley III. illus Airman 24:11-15 Jul '80

Posted with pride. (The Elite Guard, SAC's command security force) Capt Katie Cutler. illus Airman 24: 9-12 Feb '80

SPs get 'Viet' training. SSgt Ron Pack. AF Times 41:25 Oct 20 '80

Security police and the two-man concept. TIG Brief 32:5-6 Dec 12 '80

Space-age shootout. (AF SPs + MILES (Multiple Integrated Laser Engagement System) equal realistic training) Maj Anthony Lynn Batezel. illus Airmen 24:2-7 Nov '80

MILITARY POLICE - Continued

Super guards: Duty at America's nuclear outposts.
MSgt Matt Glasgow. illus Soldiers 35:36-39 May '80

'Swinging the lamp.' (British and American troops in
exercises between USAF Security Police and the
Territorial Army) Capt Katie Cutler. illus Airman
24:2-6 Sep '80

System security engineering. TIG Brief 32:5
Jan 11 '80

MILITARY POLICY

Deterrence and open space. Stefan T. Possony. illus
Def & For Aff 8, No. 2:28-31+ '80

Law and conflict at sea. LT Roger D. Wiegley. illus
Nav War Col Rev 33:68-77 Jan-Feb '80

Africa

African militaries as foreign policy actors. Henry
Bienen. Intl Sec 5:168-186 Fall '80

Australia

Politics & defence: Australian military issues in the
1980's. Peter L. Young. illus Asian Def J No. 1:
81-84+ Jan-Feb '80

Austria

Area defence--Austria's security. Otto Roesch. illus
tab NATO's Fifteen Nations 25:43-44+ Jun-Jul '80

Canada

Canada's future in NATO. Joel J. Sokolsky. illus US
Nav Inst Proc 106:66-73 Jan '80

Europe, Western

Western military capability in the Middle East. AM
Frederick Sowrey. illus map NATO's Fifteen Na-
tions 25:28-30+ Oct-Nov '80

Finland

Will of the nation: Finland's defence policy. Lasse
Aikäs. illus tab NATO's Fifteen Nations 25:31-33
Jun-Jul '80

France

The evolving French strategic debate. D. Bruce
Marshall. illus Strat Rev 8:59-77 Spring '80

Germany (Federal Republic)

Federal Republic of Germany--25 years in NATO.
Hans Apel. illus NATO's Fifteen Nations 25:18+
Aug-Sep '80

Great Britain

The changed character of British foreign and security
policy. Gillian Peele. Intl Sec 4:185-198 Spring '80

The influence of Neville Chamberlain on foreign and
defence policy, 1932-35. David J. Wrench. tab
RUSI J for Def Studies 125:49-57 Mar '80

The political economy of UK defence expenditure.
Keith Hartley and Edward Lynk. tabs RUSI J for
Def Studies 125:29-34 Mar '80

MILITARY POLICY - ContinuedItaly

Italy's contribution to the defence of the Western
World. Frederick Bonnard. illus NATO's Fifteen
Nations 24:45-47 Dec '79-Jan '80

Japan

Japan--economic giant and military pigmy. Dick Wil-
son. illus NATO's Fifteen Nations 25:25-26+ Feb-
Mar '80

Japan: The reluctant superpower. Stefan Geisen-
heyner. illus Def Elect 12:93-94+ Feb '80

The Japanese Self-Defense Forces, 1980--issues,
policies and technology for the coming decade.
Edward C. Ezell. illus tabs Intl Def Rev 13, No. 2:
187-197 '80

Japan's security situation: An assessment. P. Lewis
Young. illus tabs Asian Def J pt 1, Japan in a
wider world. No. 2:24-26+ Mar-Apr '80; pt 2,
Changing realities in Japan, 1945-1952. No. 3:
12-14+ May-Jun '80

Malaysia

Malaysian national security from the bureaucrat's
eye: A preliminary analysis. Zara Dian. illus map
tabs Asian Def J No. 4:8-10+ Jul-Aug '80

NATO

America and Europe after Afghanistan. Gregory F.
Trevorton. illus NATO's Fifteen Nations 25:27-28+
Apr-May '80

NATO: The lost battalions. Gregory Copley. illus
Def & For Aff 8, No. 2:6-9 '80

NATO's nuclear debate. Michael Morgan. illus Def
& For Aff 8, No. 2:15+ '80

The widening focus: Security problems of the eighties.
Rolf Friedemann Pauls. illus NATO's Fifteen Na-
tions 25:18-20+ Oct-Nov '80

Rumania

Defense and mass mobilization in Romania. David P.
Burke. Armed Forces & Soc 7:31-49 Fall '80

Russia

A breach in the ramparts. (Soviet Navy in the Carib-
bean) ENS Christopher A. Abel. illus US Nav Inst
Proc 106:46-50 Jul '80

A charter for better understanding. Maj Gene E.
Townsend. AF Mag 63:117 Mar '80

The development of Soviet aviation support. James H.
Hansen. illus tabs map Intl Def Rev 13, No. 5:
681-685 '80

The "external function" of Soviet Armed Forces.
Avigdor Haselkorn. illus Nav War Col Rev 33:35-
45 Jan-Feb '80

Flexibility: A driving force in Soviet strategy. Phillip
A. Petersen. illus AF Mag 63:94-98 Mar '80

MILITARY POLICY - ContinuedRussia - Cont'd

- Lenin's principles of Soviet military construction. Maj-Gen V. Novikov and Col N. Kuznetsov. Soviet Mil Rev pt 1, No. 4:2-5 Apr '80; pt 2, No. 5:15-17 May '80
- Logistics with a difference. (Soviet Army logistics capability) LtCol William P. Baxter, Ret. illus Army 30:29+ Nov '80
- Moscow's goal is military superiority. Edgar Ulsamer. tabs AF Mag 63:42-52 Mar '80
- A new trend in Soviet naval developments. Michael MccGwire. illus Intl Def Rev 13, No. 5:675-680 '80 Nav War Col Rev 33:3-12 Jul-Aug '80
- The rationale for the development of Soviet seapower. Michael MccGwire. illus map US Nav Inst Proc 106:154-183 May '80
- The Soviet defense establishment in the '80s. William T. Lee. illus tabs AF Mag 63:100-108 Mar '80
- Soviet tactics in Afghanistan. Edgar O'Ballance. illus Mil Rev 60:45-52 Aug '80
- The structure of the Soviet Armed Forces. C.N. Donnelly. illus map chart NATO's Fifteen Nations 25:94-96 Apr-May '80

Sweden

- Independence and self-determination (for Sweden). Eric Kronmark. illus tab NATO's Fifteen Nations 25:24-25+ Jun-Jul '80

United States

- An alternative to appeasement. Mark N. Katz. illus US Nav Inst Proc 106:58-62 Jun '80
- America and Europe after Afghanistan. Gregory F. Treverton. illus NATO's Fifteen Nations 25:27-28+ Apr-May '80
- Appeasement policies have not reaped rewards of peace and cooperation. (Remarks, Army Section, ROA National Council, Washington, Feb 1980) Rep Floyd D. Spence. illus Officer 56:14-16 May '80
- The Army and the 1980's. Col John R. Witherell and LtCol Andrew P. O'Meara, Jr. illus Parameters 9:41-51 Dec '79
- Carter's new nuclear policy. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 1 '80
- Change in power to affect military. AF Times 41:1+ Nov 17 '80
- Changing strategies for a changing world. (Report on AFA's symposium, "New Defense Horizons: Changing Strategies for a Changing World," Los Angeles, Oct 25-26, 1979) Edgar Ulsamer. illus AF Mag 63:66-73 Jan '80
- Civilian policy makers and military objectives: A case study of the U.S. offensive to win the Korean War. Clarence Y.H. Lo. J Pol & Mil Sociol 7:229-242 Fall '79
- Confrontation in the Middle East. Gen Hamilton H. Howze, Ret. illus map Army 30:22-26 Aug '80

MILITARY POLICY - ContinuedUnited States - Cont'd

- The congressional role in defense policy making: The evolution of the literature. Edward J. Laurance. bibliog Armed Forces & Soc 6:431-454 Spring '80
- A countervailing strategic strategy. Harold Brown. illus Defense/80, pp 2-9, Oct '80
- "Dear voter"--an open letter to the American electorate. Colin S. Gray. AF Mag 63:53-56 Oct '80
- The Eisenhower administration and defense policy. Lester H. Brune. Armed Forces & Soc 6:511-516 Spring '80
- The lessons of the Iranian raid for American military policy. Alexander Scott. illus Armed Forces J Intl 117:26+ Jun '80
- A Military Posture for the 1980s. (Statement before House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. illus Defense/80, pp 17-24, Apr '80
- NSC 68 and the Soviet threat reconsidered. John Lewis Gaddis and Paul Nitze. Intl Sec 4:164-176 Spring '80
- The Pentagon's plans for the Indian Ocean. V. Yefremov. Soviet Mil Rev No. 6:47-49 Jun '80
- The search for U.S. bases in the Indian Ocean: A last chance. ADM Thomas H. Moorer, Ret and Alvin J. Cottrell. illus map Strat Rev 8:30-38 Spring '80
- The umpteenth Cuban confrontation. Capt Leslie K. Fenlon, Jr, Ret. illus US Nav Inst Proc 106:40-45 Jul '80
- U.S. Military Posture. (Presentation, House Armed Services Committee, Washington, Jan 29, 1980) Gen David C. Jones. AF Pcly Ltr for Comdrs: Sup, pp 15-23, Apr '80
- U.S. policy and Asia. (Excerpts from Defense Dept Annual Report, FY '81) Harold Brown. illus Asian Def J No. 2:6+ Mar-Apr '80
- U.S. strategic nuclear policy. (Presentation, Naval War College, Aug 20, 1980) Harold Brown. AF Pcly Ltr for Comdrs: Sup, pp 2-8, Oct '80
- War powers of the Constitution in historical perspective. Reginald C. Stuart. illus Parameters 10:65-71 Dec '80
- Why foreign policy will determine domestic tranquility in the 1980's. illus tab Govt Exec 12:14+ Dec '80

MILITARY POWER

See also
Aerospace Power
Sea Power

- Escalation control. CDR Robert C. Powers. illus tabs US Nav Inst Proc 106:52-56 Jan '80
- In defense of war. LtGen Ira C. Eaker, Ret. illus Mil Engr 72:156-158 May-Jun '80

MILITARY POWER - Continued

Military power, strategy, and national security. (Condensed from address, Boston Chapter, SOLE, Feb 20, 1980) RADM Henry E. Eccles, Ret. Log Spectrum 14:17-19 Summer '80

Statistics

The Military Balance: 1979/80. International Institute for Strategic Studies. illus tabs Aerosp Intl 15: entire issue Dec '79-Jan '80; Asian Def J No. 1: 44-46+ Jan-Feb '80

The Military Balance: 1980/81. illus tabs Asian Def J pt 1, The United States and the Soviet Union. No. 5: 62-63+ Sep-Oct '80; No. 6: 94-96+ Nov-Dec '80

The Military Balance: 1980/81. International Institute for Strategic Studies. illus tabs AF Mag 63:62-131 Dec '80

Asia, Southeastern

South East Asia air defence. AVM Stewart Menaul. illus Asian Def J No. 2: 74-76 Mar-Apr '80

Australia

Politics & defence: Australian military issues in the 1980's. Peter L. Young. illus Asian Def J No. 1: 81-84+ Jan-Feb '80

Muslim World

Defence forces for the Muslim World. LtGen Arthur S. Collins, Jr, Ret. illus Islamic Def Rev 5, No. 3: 3-6 '80

Holy war: Military power and religion. (Report of a seminar, May 9, 1979) RUSI J for Def Studies 125: 14-20 Mar '80

The key message: Military forces can do little to help reduce the risks of Western dependence on oil imports. tab Armed Forces J Intl 118:82-86 Nov '80

Statistics

The military balance in the Persian Gulf: Who will guard the Gulf States from their guardians? Abdul Kasim Mansur. illus map tabs Armed Forces J Intl 118:44-46+ Nov '80

NATO

The economics of war: Doctrine, tactics, \$, rubles, Marx, Engels and Adam Smith. Col D.K. Malone. Armed Forces J Intl 117:72-73 Jun '80

The trouble with NATO. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 23 '80; Natl Def 65:38 Oct '80

Russia

American strength, Soviet weakness. tabs Def Monitor 9: entire issue Jun '80

China, Soviet strategy, and American policy. Robert L. Pfaltzgraft, Jr. Intl Sec 5:24-48 Fall '80

Deterrence and the arms race: The impotence of power. Jacek Kugler and A.F.K. Organski. illus tabs Intl Sec 4:105-138 Spring '80

MILITARY POWER - ContinuedRussia - Cont'd

Doubts and difficulties confronting a would-be Soviet attacker. P.H. Vigor. RUSI J for Def Studies 125: 32-38 Jun '80

Facing up to change. (Presentation, Antelope Valley Board of Trade, Lancaster, CA, Aug 22, 1980) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Oct '80

Limits upon Soviet military power. Keith A. Dunn. illus RUSI J for Def Studies 124:38-45 Dec '79

Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No. 8: entire issue '80

Politics, power perception, and the Soviet military. Gregory L. Lathrop. Armed Forces & Soc 6:695-700 Summer '80

Power projection or influence: Soviet capabilities for the 1980s. Keith A. Dunn. illus tabs map Nav War Col Rev 33:31-47 Sep-Oct '80

Power projection, Soviet style. CDR Steve F. Kime. illus map AF Mag 63:50-54 Dec '80

The Soviet Army: Who gives the orders? Steve Abbott. illus Soldiers 35:26-27 Oct '80

The Soviet invasion of Afghanistan: Methods, motives, and ramifications. Capt Joseph J. Collins. illus Nav War Col Rev 33:53-62 Nov-Dec '80

Strategic offense and defense. (Presentation, Dept of Iowa, American Legion Convention, Sioux City, July 19, 1980) BrigGen William L. Shields. AF Plcy Ltr for Comdrs: Sup, pp 19-25, Sep '80

United States

AFA Convention address. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Nov '80

American power and the survival of the West. James R. Schlesinger. illus Parameters 10:19-25 Jun '80

American strength, Soviet weakness. tabs Def Monitor 9: entire issue Jun '80

(Congressional) study finds U.S. military too weak to meet demands. AF Times 41:4 Sep 8 '80

Critical defense issues. LtGen Ira C. Eaker, Ret. AF Times 41:19+ Oct 6 '80

Deterrence and the arms race: The impotence of power. Jacek Kugler and A.F.K. Organski. illus tabs Intl Sec 4:105-138 Spring '80

Facing up to change. (Presentation, Antelope Valley Board of Trade, Lancaster, CA, Aug 22, 1980) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Oct '80

Foreign policy and force requirements. Editorial. A.G.B. Metcalf. Strat Rev 8:9-10 Summer '80

MILITARY POWER - ContinuedUnited States - Cont'd

Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79; Rebuttal: Yes, there really is a better way to win a war in Europe. Maj Leslie J. Hamblin. 31:70-72; Responses. Maj Charles W. Specht and others. 3:73-82 Sep-Oct '80

Military force and national policy. CDR Robert C. Powers. illus tabs Mil Engr 72:158-162 May-Jun '80

A Military Posture for the 1980s. (Statement before House Armed Services Committee, Jan 29, 1980) Gen David C. Jones. illus Defense/80, pp 17-24, Apr '80

Military power and national security. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 18 '80

Military strategy, the forgotten art. LtCol William T. Rudd. AU Rev 31:85-93 Jul-Aug '80

The most critical issues now. LtGen Ira C. Eaker, Ret. AF Times 41:23-24 Nov 17 '80

The most invisible airplane. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 15 '80

National security next year. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 10 '80

No time for recrimination. (Address, ROA Mid-Winter Banquet, accepting Minute Man of the Year Award) Rep Samuel S. Stratton. illus Officer 56: 20-22 Apr '80

Our present Military Posture. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Mar 3 '80

Pentagon rebuts charges of U.S. military weakness. Def Monitor 9, No. 8; entire issue '80

Perceived versus real strength of America's strategic forces. Gen Maxwell D. Taylor, Ret. illus Parameters 9:7-11 Dec '79

The role of western military power in the world today. Edward Heath. RUSI J for Def Studies 125: 14-20 Jun '80

The sad facts about our military posture. Gen T.R. Milton, Ret. AF Mag 63:145 Dec '80

Status of our strength and will. (Presentation, Dining-Out, Wright-Patterson AFB, OH, Sep 13, 1980) LtGen Richard E. Merkling. AF Plcy Ltr For Comdrs: Sup, pp 16-21, Nov '80

Strategic offense and defense. (Presentation, Dept of Iowa, American Legion Convention, Sioux City, July 19, 1980) BrigGen William L. Shields. AF Plcy Ltr for Comdrs: Sup, pp 19-25, Sep '80

To what ends military power? Robert J. Art. illus tab Intl Sec 4:3-35 Spring '80

Top secret revealed. H.R. Kaplan. Sergeants 18: 24-25 Dec '80

MILITARY POWER - ContinuedUnited States - Cont'd

U.S. Military Posture. (Presentation, House Armed Services Committee, Washington, Jan 29, 1980) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup, pp 15-23, Apr '80

U.S. policy and Asia. (Excerpts from Defense Dept Annual Report, FY '81) Harold Brown. illus Asian Def J No. 2:6+ Mar-Apr '80

What would you do not? LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Oct 20 '80

Warsaw Pact

Political reliability in the Eastern European Warsaw Pact armies. Dale R. Herspring and Ivan Volgyes. tabs Armed Forces & Soc 6:270-296 Winter '80

The U.S. Air Force in Europe. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen John W. Pauly. AF Plcy Ltr for Comdrs: Sup No. 2:6-13 Feb '80

MILITARY RESEARCH see Research and Development
also specific kinds of research, e.g.,
Space Research

MILITARY SEA TRANSPORTATION SERVICE see Military Sealift Command

MILITARY SEALIFT COMMAND

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

MSC charters ships. illus Translog 11:14-15 May '80

The Merchant Marine: What can we count on? Samuel B. Nemirow. illus Defense/80, pp 10-15, Oct '80

MILITARY SERVICE, COMPULSORY

See also
National Service

Russia

The life of a Soviet soldier. Steve Abbott. illus tab Soldiers 35:6-10 Jul '80

Sweden

Independence and self-determination (for Sweden). Eric Kronmark. illus tab NATO's Fifteen Nations 25:24-25+ Jun-Jul '80

Switzerland

The militia forces of Switzerland. G.A. Chevallaz. illus tab NATO's Fifteen Nations 25:18+ Jun-Jul '80

United States

ACLU (American Civil Liberties Union) files suit against registration. Paul Smith. AF Times 40:4 Jul 7 '80

Antidraft forces hit claim that 93 percent registered. AF Times 41:4 Sep 15 '80

Carter decision on draft surprises many. Andy Plattner. AF Times 40:3 Feb 4 '80

MILITARY SERVICE, COMPULSORY - ContinuedUnited States - Cont'd

- Carter: Women won't serve in combat. AF Times 40:6 Feb 25 '80
- Civilians in uniform. Thomas H. Etzold. AU Rev 31: 93-95 Jul-Aug '80
- Conscription and the all-volunteer Army in historical perspective. Robert K. Griffith, Jr. illus Parame-ters 10:61-69 Sep '80
- The draft board revival. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Feb 25 '80
- Draft plan inches on. AF Times 40:4 May 19 '80
- Draft registration dealt blow on Hill. AF Times 40:7 Mar 10 '80
- (Harold W.) Chase says draft won't help Reserve. AF Times 41:8 Sep 8 '80
- High Court to rule on male-only draft. AF Times 41:13 Dec 15 '80
- Military manpower in the 1980's: Issues and choices. Martin Binkin. Intl Sec Rev 5:347-374 Fall '80
- Mobilization plans called improving. AF Times 41:8 Aug 25 '80
- National Militia (Act) advocated by MajGen Kendall. Officer 56:15 Sep '80
- 94% of draft eligibles now registered. AF Times 41:27 Nov 3 '80
- No time for recrimination. (Address, ROA Mid-Winter Banquet, accepting Minute Man of the Year Award) Rep Samuel S. Stratton. illus Officer 56: 20-22 Apr '80
- Panel (discussion on military manpower) can't agree on U.S. and draft. AF Times 40:8 Apr 28 '80
- ROA backs president on draft registration. AF Times 40:7 Mar 24 '80
- The Railey report and Army morale, 1941: Anatomy of a crisis. Maj Stephen D. Westbrook. illus Mil Rev 60:11-24 Jun '80
- (Rep Samuel S.) Stratton asks early OK on draft registration. AF Times 40:7 Mar 10 '80
- Selective Service director outlines operational plans. Bernard D. Rostker. illus Officer 56:28 Apr '80
- Selective Service moves to gear up draft machinery. AF Times 40:3 Jul 21 '80
- Senate OKs draft plan; women not included. AF Times 40:4 Jun 23 '80
- (Sen) Stennis: More pay is not the answer. AF Times 40:6 May 5 '80
- A sensible draft solution. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 May 5 '80
- Structure, environment, and satisfaction: Toward a causal model of turnover from military organizations. Allen C. Bluedorn. illus tabs J Pol & Mil Sociol 7:181-207 Fall '79

MILITARY SERVICE, COMPULSORY - ContinuedUnited States - Cont'd

Who served in the military, 1940-73. Neil D. Fligstein. tabs Armed Forces & Soc 6:297-312 Winter '80

MILITARY SERVICE, VOLUNTARY

Deterrence and disuse: Some thoughts on the problem of maintaining volunteer forces. Jonathan Alford. Armed Forces & Soc 6:247-256 Winter '80

United States

- AF tops Services in signing grads. AF Times 41:17 Sep 15 '80
- The AVF--making it work. Maj David Evans. illus US Nav Inst Proc 106:47-53 Dec '80
- All-volunteer force needs new incentives for 1980s (Hoover-Rochester Conference). Andy Plattner. AF Times 40:10 Jan 21 '80
- Bagging the all volunteer force. R. James Woolsey. Armed Forces J Intl 117:17 Feb '80
- Bureaucratic and administrative hamstrings are hobbling the all volunteer force. Benjamin F. Schemmer. Armed Forces J Intl 117:64-65 Apr '80
- Carter backs recruiters seeking student lists. Tom Philpott. AF Times 41:2 Aug 25 '80
- The changing face of Army basic training: More flexible and coeducational. Thomas J. Gelli. illus Def Mgt J 16:22-29 First Quarter '80
- Conscription and the all-volunteer Army in historical perspective. Robert K. Griffith, Jr. illus Parame-ters 10:61-69 Sep '80
- DOD backs student loan forgiveness. Tom Philpott. AF Times 40:17 Jan 28 '80
- The dark, green trail. Fred Reed. illus AF Times, Times Magazine sup:12-16 Jan 14 '80
- Defending Europe against a conventional attack. Kenneth J. Coffey. illus tabs AU Rev 31:47-59 Jan-Feb '80
- Defense manpower and the all-volunteer force: A different perspective. Maj Francis P. Butler. Nav War Col Rev 33:85-91 Jan-Feb '80
- The draft board revival. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Feb 25 '80
- Economic analysis of the all-volunteer force. Robert F. McNown and others. tabs Armed Forces & Soc 7:113-132 Fall '80
- The educational and military experience of young men during the Vietnam era: Non-linear effects of parental social class. Michael Useem. tabs J Pol & Mil Sociol 8:15-29 Spring '80
- Enlistment during the Vietnam era and the "representation" issue of the all-volunteer force. Patricia M. Shields. tabs Armed Forces & Soc 7:133-151 Fall '80
- Fools, cowards, or thinking men? What the all-volunteer force can look forward to. R. James Woolsey. Armed Forces J Intl 117:66 Apr '80
- Homosexual policy (on Leonard Matlovich) still unresolved. AF Times 41:16 Dec 8 '80

MILITARY SERVICE, VOLUNTARY - ContinuedUnited States - Cont'd

- Military manpower in the 1980's: Issues and choices. Martin Binkin. Intl Sec Rev 5:347-374 Fall '80
- Military personnel problems reach crisis stage-- Laird proposes sweeping compensation reforms as 'partial solution.' Melvin R. Laird. illus Sea Power 23:23-28 Mar '80
- Officers are to blame for the all-vol crisis. Robert H. Kimball. illus AF Times, Times Magazine sup:14+ Jul 7 '80
- People, not hardware--the highest defense budget priority. Melvin R. Laird. illus Armed Forces J Intl 117:60-66 Mar '80
- Price gives views on benefits. Interview. Rep Melvin Price. illus AF Times 41:8 Aug 25 '80
- Race in the United States military: Symposium. Charles C. Moskos, Jr and others. tabs Armed Forces & Soc 6:586-613 Summer '80
- Racial balance called vital to AVF effectiveness. Tom Philpott. tab AF Times 41:10 Nov 24 '80
- Recruit scores: 6 times more Category IVs than reported. tab AF Times 41:3 Jul 28 '80
- (Sen William) Armstrong sees hope for raise. Martha Lynn Craver. illus AF Times 41:1+ Dec 29 '80
- Senator (William) Armstrong: 'We have failed all-vol.' AF Times 41:8 Aug 11 '80
- Services told to lower exam qualifying scores. AF Times 41:2 Oct 27 '80
- Should AVF's racial mix concern us? Tom Philpott. tab AF Times pt 1, 41:7 Nov 17 '80
- Structure, environment, and satisfaction: Toward a causal model of turnover from military organizations. Allen C. Bluedorn. illus tabs J Pol & Mil Sociol 7:181-207 Fall '79
- Voluntary officer recall draws 662 to Reserves. John Ginovsky. AF Times 40:12 Apr 21 '80
- Youth survey: Dissatisfaction with military jobs. Tom Philpott. AF Times 41:14 Aug 4 '80

MILITARY SERVICE AS A PROFESSIONSee alsoCareer Program

- Air Force junior officers: Changing prestige and civilianization. Frank R. Wood. tabs Armed Forces & Soc 6:483-506 Spring '80
- Alienation, anomie, and combat effectiveness. Maj Daniel W. Jacobowitz. illus AU Rev 31:21-34 Sep-Oct '80
- The Army: A search for values. Maj Daniel M. Smith. illus Mil Rev 60:2-12 Mar '80
- Career incentives for JOs lacking. John Ginovsky. AF Times 40:2 Jun 2 '80
- Commencement Address, U.S. Air Force Academy (May 28, 1980). Hans M. Mark. AF Ploy Ltr for Comdrs: Sup, pp 2-4, Aug '80

MILITARY SERVICE AS A PROFESSION - Continued

- Dear Son, It still means something to be an officer-- don't blow it the way I did. Robert L. Quinnett. illus AF Times, Times Magazine sup:18-20+ Aug 4 '80
- Ethical bases of the military profession. Arthur J. Dyck. illus Parameters 10:39-46 Mar '80
- The field-expedient factor: Adaptation and survival in the first battle. Roger A. Beaumont. illus Mil Rev 60:69-75 Oct '80
- 'I watched my husband destroy his career': A woman's personal story. Margaret Crawford. illus AF Times, Times Magazine sup:16-18 Jul 7 '80
- Internal and external integration among soldiers. John D. Blair. tabs J Pol & Mil Sociol 8:227-242 Fall '80
- Military service: The profession of arms. MajGen L. W. Svendsen, Jr. TIG Brief 32:1-2 May 30 '80
- A myth of chivalry: Variations on a theme by Gabriel and Savage. Roger A. Beaumont. illus Mil Rev 60: 64-75 May '80
- Pre-enlistment expectations/perceptions of Army life, satisfaction, and re-enlistment of volunteers. Col Donald E. Gauntner and others. tabs J Pol & Mil Sociol 8:31-42 Spring '80
- Professionals or hired guns? Loyalties are the difference. Manuel M. Davenport. Army 30:13-14 May '80
- Quality force is aim of new guide to field. Len Famiglietti. AF Times 41:1+ Aug 18 '80
- Reality-ritual-retention: The enlisted equation. Maj Thomas J. Pickering. illus Mil Rev 60:2-9 Dec '80
- Restoring dignity to military careers. Gen T. R. Milton, Ret. AF Mag 63:44 Oct '80
- The spirit and continuity of the Navy. (Address, Italian Naval Academy, 1979) Adm Giovanni Torrisi, trans by Susan Wranik. illus US Nav Inst Proc 106:34-39 Apr '80
- Twin generals (LtGen Charles C. Pattillo, MajGen Cuthbert A. Pattillo) part after 28 years. AF Times 41:49 Sep 15 '80
- What's happening to the military profession? Gen T. R. Milton, Ret. AF Mag 63:79 Feb '80
- Where less is better. Gen T. R. Milton, Ret. AF Mag 63:45 May '80
- Who's got the stick? Or--Bear's theory of fighter aviation. Maj Gary L. Sholders. illus Aerosp Safety 36:8-11 Mar '80
- MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE see Military Traffic Management Command
- MILITARY TRAFFIC MANAGEMENT COMMAND
- COREX-80 a success. (First command post exercise under MTMC Contingency Response (CORE) Program) illus Translog 11:10-11 Dec '80
- Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

MILITARY TRAFFIC MANAGEMENT COMMAND -

Continued

Hawaii: Sun, sand, and MTMC-FOP (Field Office Pacific). Col John W. Perry, Jr. Translog 11:1-2 Oct '80

MTMC and the bus industry. Col Jerry C. Goodrich. illus Translog 11:13-15 Oct '80

MTMC: Cornerstone of strategic mobility. MajGen John D. Bruen. illus Army 30:194-199 Oct '80

MTMC honors traffic managers (at 35th National Defense Transportation Assoc Forum and Exposition Chicago). illus Translog 11:10-11 Sep '80

MTMC opens Panama terminal. Diane M. Dove. illus Translog 11:2-3 Apr '80

MTMC procures transportation for Cuban refugees. LtCol Donald G. Bisgrove. illus Translog 11:10-11 Jun '80

MTMCs response to contingency requirements. (Address, Munitions Carriers Conference, Denver) Paul R. Chagnon. illus Translog 11:17-19 Sep '80

Managing transportation for fuel savings. MajGen John D. Bruen. illus Army Log 12:2-5 Jan-Feb '80

A perspective on total systems traffic management. illus Translog 11:2-5 Jan '80

Ports for National Defense (Program). LT Frank A. DeLost. illus Translog 11:2-3 Feb '80

Reforger 80: Deployment from Beaumont (TX). Frank K. Costa. illus Translog 11: inside front cover Sep '80

Terminal operations and mobilization. (Address, National Defense Transportation Assoc Forum and Exposition, Chicago, Sep 21-23, 1980) illus Translog 11:1-4 Dec '80

Transportation challenges in the 80s. MajGen John D. Bruen. Translog 10:3-4 Dec '79

What's a WTCA (Water Terminal Clearance Authority)? Thomas A. Phillips. Translog 11:5-7 Jul '80

"The whole world is watching" (ocean cargo in and out of Portugal). MSgt Franklin G. Lewis. illus Translog 11:2-4 May '80

MILITARY UNIONS

See also
Labor Unions

MILLER, Gerald E.

Naval operations in the Middle East. VADM Gerald E. Miller, Ret. por Islamic Def Rev 5, No. 1: 10-13+ '80

MILLER, Horace W.

The Civil Air Patrol-Air Force partnership. BrigGen H. W. Miller. TIG Brief 32:2 Dec 12 '80

MILLIMETER WAVES

EW today & tomorrow: Two views. Mil Elect/Countermeasures 6:70+ Oct '80

MILLIMETER WAVES - Continued

Introduction to gyrotrons. Robert R. Berry. illus tabs Mil Elect/Countermeasures 6:52+ Oct '80

Millimeter radar: Fundamentals and applications. E.K. Reedy. illus tabs Mil Elect/Countermeasures 6:62-65 Aug '80; pt 2, 6:95-96+ Sep '80

Millimeter wave radio. J.W. Strozzyk and others. tabs Signal 35:49-54 Nov '80

USAF millimetre-wave seeker developments. Albert N. DiSalvio. illus Intl Def Rev 13, No. 1:42-46 '80

MILTON, Theodore R.

The Eastern Mediterranean's glum situation. Gen T.R. Milton, Ret. AF Mag 63:56-57+ Sep '80

Is nothing worth fighting for? Gen T.R. Milton, Ret. AF Mag 63:82 Jun '80

The languishing link in combat readiness. Gen T.R. Milton, Ret. AF Mag 63:55 Apr '80

Middle East: Perpetual hotspot. Gen T.R. Milton, Ret. AF Mag 63:61 Aug '80

Mideast survey: Problems and prospects. Gen T.R. Milton, Ret. AF Mag 63:67-71 Aug '80

A participant remembers. (Berlin mission, March 6, 1944) Gen T.R. Milton, Ret. AF Mag 63:80-81 Jan '80

Restoring dignity to military careers. Gen T.R. Milton, Ret. AF Mag 63:44 Oct '80

The sad facts about our military posture. Gen T.R. Milton, Ret. AF Mag 63:145 Dec '80

Standing on national interest. Gen T.R. Milton, Ret. AF Mag 63:109 Nov '80

Tactical air training--the Red Flag concept. Gen Theodore Ross Milton. por NATO's Fifteen Nations 25:36+ Aug-Sep '80

Taiwan goes it alone: A situation report on independent Taiwan at age thirty. Gen T.R. Milton, Ret. AF Mag 63:40-45 Jan '80

Technology vs numbers. Gen T.R. Milton, Ret. AF Mag 63:157 Sep '80

The threat from NATO's blind side. Gen T.R. Milton, Ret. AF Mag 63:55 Jan '80

What's happening to the military profession? Gen T.R. Milton, Ret. AF Mag 63:79 Feb '80

Where less is better. Gen T.R. Milton, Ret. AF Mag 63:45 May '80

Who has failed whom? Gen T.R. Milton, Ret. AF Mag 63:105 Jul '80

MINE DETECTION AND DETECTORS

Countermeasures against sea mine threats show European lead. Stefan Geisenheyner. illus tab Def Elect 12:43-44+ Apr '80

MINE DETECTION AND DETECTORS - Continued

MIN (Mine Identification and Neutralization)--the Italian Navy's mine disposal vehicle. R.J.L. Dicker. illus tab Intl Def Rev 13, No.3:377-378 '80

Some observations on mine warfare. Stefan Geisenheyner. illus Asian Def J No.4:72-74+ Jul-Aug '80

Weapon system series: The tripartite minehunter program. Yves Robins. illus NATO's Fifteen Nations 24:80-82+ Oct-Nov '79

MINE WARFARE

Countermeasures against sea mine threats show European lead. Stefan Geisenheyner. illus tab Def Elect 12:43-44+ Apr '80

MIN (Mine Identification and Neutralization)--the Italian Navy's mine disposal vehicle. R.J.L. Dicker. illus tab Intl Def Rev 13, No.3:377-378 '80

Mine warfare: Promise deferred. (Prize Essay, 1980) CAPT Robert H. Smith, Ret. illus map US Nav Inst Proc 106:26-33 Apr '80

Mines: The forgotten weapon. Merle Macbain. illus Sea Power 23:30-36 May '80

Ocean control: Soviets on mine warfare--does U.S. fleet measure up? Norman L. Stone. illus Mil Elect/Countermeasures 6:58-60+ May '80

Some observations on mine warfare. Stefan Geisenheyner. illus Asian Def J No.4:72-74+ Jul-Aug '80

Soviet mine barrier warfare capabilities in a central nuclear war. James Preston Layton II. illus Nav War Col Rev 33:42-52 Jul-Aug '80

Soviet mine warfare: Intent and capability. CAPT Mathew J. Whelan. US Nav Inst Proc 106:109-114 Sep '80

Troika and MP-MCMS--two mine-countermeasures systems from Krupp Mak. R.J.L. Dicker. illus tab Intl Def Rev 13, No.9:1372-1374 '80

Equipment

Engineer support for the combined arms team. Col Albert F. Dorris. illus Armor 89:39-43 Sep-Oct '80

MINERALS

See also
Ocean Mining

Greenland and its relevance to North American security. Comdr Finn B. Sørensen. illus Nav War Col Rev 32:88-102 Nov-Dec '79

The Kursk Magnetic Anomaly. (Interview with M. Trunov) Col N. Yelshin and LtCol V. Titov. illus Soviet Mil Rev No.2:10-13 Feb '80

The national defense stockpile. Defense/80, pp 23-24, Dec '80

Next: A resource war? U.S. dependency on raw material imports cited. Warren P. Baker. tab maps Sea Power 23:55-56+ Oct '80

MINERALS - Continued

The next U.S. crisis will be minerals and metals. (Interview with Rep Jim Santini) illus Govt Exec 12:20+ Oct '80

Seabed mining bill (Deep Seabed Hard Minerals Act) boosts shipping, shipbuilding prospects. L. Edgar Prina. illus map Sea Power 23:16+ Sep '80

Strategic materials--important factors in readiness. John D. Morgan, Jr. illus tabs Mil Engr 72:413-417 Nov-Dec '80

U.S. strategic mineral crunch sparks Hill interest. Deborah M. Kyle. Armed Forces J Intl 117:14 Jun '80

MINES AND MINE-LAYING

Barrage rockets. Enrico delle Capre. illus Asian Def J No.4:61-62+ Jul-Aug '80

Countermeasures against sea mine threats show European lead. Stefan Geisenheyner. illus tab Def Elect 12:43-44+ Apr '80

Mines on the battlefield. Robert Heck. illus Armada Intl 4:70-72+ Jan-Feb '80

Mines: The forgotten weapon. Merle Macbain. illus Sea Power 23:30-36 May '80

Mobile mine unit (Naval Reserve Mobile Mine Assembly Group Detachment 1006) demonstrates strong sense of camaraderie during evaluation. illus Officer 56:10 Jul '80

Shootout at Palembang: The "Hellbirds" mine the Moesi River. RADM K. L. Veth, Ret. illus Am Avn Hist Soc J 25:72-74 Spring '80

Some observations on mine warfare. Stefan Geisenheyner. illus Asian Def J No.4:72-74+ Jul-Aug '80

MINESWEEPERS AND MINESWEEPING

Countermeasures against sea mine threats show European lead. Stefan Geisenheyner. illus tab Def Elect 12:43-44+ Apr '80

MIN (Mine Identification and Neutralization)--the Italian Navy's mine disposal vehicle. R.J.L. Dicker. illus tab Intl Def Rev 13, No.3:377-378 '80

Navy likely to renew last year's unsuccessful bid for 46 new MH-53Es. Benjamin F. Schemmer. Armed Forces J Intl 117:16+ Jun '80

Ocean control: Soviets on mine warfare--does U.S. fleet measure up? Norman L. Stone. illus Mil Elect/Countermeasures 6:58-60+ May '80

Troika and MP-MCMS--two mine-countermeasures systems from Krupp Mak. R.J.L. Dicker. illus tab Intl Def Rev 13, No.9:1372-1374 '80

Weapon system series: The tripartite minehunter program. Yves Robins. illus NATO's Fifteen Nations 24:80-82+ Oct-Nov '79

Weekends are work. CDR Thomas M. Daly. illus US Nav Inst Proc 106:61-66 Aug '80

MINING, OCEAN see Ocean Mining

MINORITIES

See also
Race Relations
also specific groups, e.g.,
American Indians
Blacks in the Armed Forces

Air Force Hispanic Employment Program (HEP) initiatives. TIG Brief 32:10 Oct 17 '80

'Chico!' (Lt Edna Guevara overcomes prejudice) Sgt Craig Pugh. illus Airman 24:27-30 Sep '80

Ethnic minorities in the Soviet military--implications for the decades ahead. LtCol Dallace Meehan. illus tab AU Rev 31:63-73 May-Jun '80

(MORT, Minority Officer Recruiting) Team action delivers new leadership. Pamela A.Kane. illus Natl Guard 34:12-13 Apr '80

Race in the United States military: Symposium. Charles C.Moskos, Jr and others. tabs Armed Forces & Soc 6:586-613 Summer '80

Recruiting--opportunities could decline for minorities. Tom Philpott. tab AF Times 41:20 Oct 6 '80

Should AVF's racial mix concern us? Tom Philpott. tab AF Times pt 1, 41:7 Nov 17 '80

Strides toward equity (Minority Trucking-Transportation Development Corp (MTTDC)). Debra Hower-ton. illus Translog 10:5-8 Dec '79

MINTER, Billy M.

Logistic capability stressed. (Excerpts from address, Air Section, ROA National Council Meeting, Washington, Feb 1980) LtGen Billy M.Minter. por Officer 56:13 May '80

MISSILE BASES

See also
Missile Sites

Construction

Army planning sites for MX missiles. Jim Tice. AF Times 40:45 Mar 3 '80

MX bases to draw 30,000 people. Len Famiglietti. illus AF Times 41:4 Dec 29 '80

M-X weapon system ... an essential element of strategic deterrence. LtCol Thomas L.Bozarth. illus AF Engrg & Svcs Qtr 21:3-6 May '80

MISSILE COMBAT COMPETITIONS

Crews in competition. illus Combat Crew 30:6-15+ Apr '80

A gathering of sentinels. (Olympic Arena '80) MajGen Andrew Pringle, Jr. illus Combat Crew 30:4-5 Apr '80

Olympic Arena '80--competing in the new decade. Gen R.H.Ellis. illus Combat Crew 30:2-3 Apr '80

381st SMW wins a close competition. (Olympic Arena 1980) illus Combat Crew 30:12-17 Jul '80

MISSILE COMMAND

Army missiles. BrigGen Benjamin J.Pellegrini and Maj Jim McCullough. illus Armor 89:44-47 Sep-Oct '80

"I've got more missions than I've got resources to handle them." Interview. MajGen Robert L.Moore. illus Armed Forces J Intl 118:46+ Oct '80

A new generation of missiles to meet a growing threat. Deborah G.Meyer. illus tabs Armed Forces J Intl 118:34-36+ Oct '80

MISSILE CREWS

See also
Missile Training

Crews in competition. illus Combat Crew 30:6-15+ Apr '80

381st SMW wins a close competition. (Olympic Arena 1980) illus Combat Crew 30:12-17 Jul '80

Titan missile hazard team wins praise. AF Times 41:33 Oct 13 '80

The U.S. Senate honors heroic Titan crews. Edgar Ulsamer. AF Mag 63:40-41 Dec '80

MISSILE DEFENSE

See also
Missiles--Interception

ASRAAM--smoke without fire? illus Intl Def Rev 13, No.5:686-687 '80

Air defense of the carrier task group. CAPT John E. Lacouture, Ret. illus US Nav Inst Proc 106:60-67 Jul '80

Deterrence and open space. Stefan T.Possony. illus Def & For Aff 8, No.2:28-31+ '80

Exploitable strategic nuclear superiority. Sen Jake Garn. Intl Sec Rev 5:173-192 Summer '80

Layered defense seen for ICBMs. Len Famiglietti. AF Times 40:21 Jun 30 '80

The M-X: Critical need for the United States. (Presentation, Orange County World Affairs Council, Santa Ana, CA, April 9, 1980) BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup, pp 9-15, Jun '80

Multiple Launch Rocket System (MLRS) to counter surge attack. J.Philip Geddes. illus Intl Def Rev 13, No.5:728-732 '80

Patriot: The U.S. Army's mobile air-defense missile system nears production. Rudi Meller. illus Intl Def Rev 13, No.4:495-499 '80

Patriot update (battalion organization). Maj Anthony J. Buetti. illus charts Air Def Mag, pp 23-25, Oct-Dec '80

Polaris successor. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, April 30, 1980) illus RUSI J for Def Studies 125: 16-26 Sep '80

Strategic air power. Gen Richard H.Ellis. illus RUSI J for Def Studies 125:3-8 Mar '80

MISSILE DEFENSE - Continued

U.S. strategic force modernization: A new role for missile defense? Rep Jack F. Kemp. illus Strat Rev 8:11-17 Summer '80

Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80

MISSILE INDUSTRY AND TRADEInternational Aspects

ASRAAM--smoke without fire? illus Intl Def Rev 13, No.5:686-687 '80

Eurodynamics: Jumping Europe's hurdles. David Harvey. illus Def & For Aff 8, No.3:6-7+ '80

United States

ALCM--who will build the air-launched cruise missile? Ramon Lopez. illus tab Interavia 35:206-208 Mar '80

Boeing lands ALCM contract. Deborah G. Meyer. illus Armed Forces J Intl 117:17 May '80

Boeing wins ALCM competition. illus Armada Intl 4:72+ May-Jun '80

Cruise missile development: The competition is fierce--everywhere. tabs illus Govt Exec 12: 22-24+ Jan '80

MISSILE MAINTENANCE

Air launched cruise missile construction program. Maj Gerald L. Robinson and others. illus AF Engrg & Svcs Qtr 21:28-30+ May '80

Crews in competition. illus Combat Crew 30:6-15+ Apr '80

Mighty missile down! (A Minuteman at one of the Whiteman AFB, MO, sites requires speedy repair) Sgt Craig Pugh. illus Airman 24:21-25 Apr '80

MISSILE MATERIEL READINESS COMMAND see Missile CommandMISSILE RANGES see Missile Test CentersMISSILE RESEARCH AND DEVELOPMENT COMMAND see Missile CommandMISSILE SITES

See also
Missile Bases

The old-timers. (Atlas missile site at Vandenberg AFB, CA, is now deserted) TSgt Mike Harrington. illus Airman 24:21-23 Mar '80

Construction

See Missile Bases--Construction

MISSILE TEST CENTERS

See also
National Range Division

MISSILE TEST CENTERS - Continued

Hill (AFB, UT) unit keeps weapons ready. AF Times 41:24 Dec 22 '80

MISSILE TRAINING

First IHawk firing ARTEP. Maj Edwin S. Stone III. illus tabs Air Def Mag, pp 4-8, Oct-Dec '80

Stinger training devices. MSgt William A. Chapman. illus Air Def Mag, pp 27-29, Jul-Sep '80

Training tacit warriors. MajGen Andrew Pringle, Jr. illus Combat Crew 30:2-3+ Aug '80

MISSILE TYPE

See also
Missiles

ALCM

ALCM competitors complete flight tests. Deborah G. Meyer. Armed Forces J Intl 117:31 Mar '80

ALCM--who will build the air-launched cruise missile? Ramon Lopez. illus tab Interavia 35:206-208 Mar '80

Air launched cruise missile construction program. Maj Gerald L. Robinson and others. illus AF Engrg & Svcs Qtr 21:28-30+ May '80

Boeing lands ALCM contract. Deborah G. Meyer. illus Armed Forces J Intl 117:17 May '80

Boeing wins ALCM competition. illus Armada Intl 4:72+ May-Jun '80

DMA--the cruise missile's silent partner. illus AF Mag 63:60-62 Apr '80

New missile (ALCM) picked. AF Times 40:20 Apr 7 '80

SAC's dual edged sword. Gen Richard H. Ellis. illus NATO's Fifteen Nations 25:18-20+ Apr-May '80

U.S. may offer China tac(tical) cruise missiles. Benjamin F. Schemmer. Armed Forces J Intl 117:23+ May '80

AMRAAM

ASRAAM--smoke without fire? illus Intl Def Rev 13, No.5:686-687 '80

ASRAAM

ASRAAM--smoke without fire? illus Intl Def Rev 13, No.5:686-687 '80

Aegis

Defender of the fleet--and of the not-so-fleet. L. Edgar Prina. illus Sea Power 23:60-62 Apr '80

Copperhead

Army guns to fire laser-guided projectiles. illus Def Elect 12:28-29 Aug '80

Defence and the world of Islam: Adding the laser dimension. Joseph J. Malone. illus tabs Islamic Def Rev 5, No.2:32-37 '80

MISSILE TYPE - ContinuedCopperhead - Cont'd

U.S. tube launched smart anti-tank munitions. Gowri S.Sundaram. illus Intl Def Rev 13, No.8:1233-1236 '80

Dragon

The Dragon dilemma: Why low first-round hit rates? Maj Stanley H.Holgate. illus Mil Rev 60:25-30 Sep '80

Dragon: Man-portable tank killer. illus tab Def Elect 12:62+ Apr '80

U.S. tube launched smart anti-tank munitions. Gowri S.Sundaram. illus Intl Def Rev 13, No.8:1233-1236 '80

GLCM

NATO agrees to deploy 572 new long range nucs. illus Armed Forces J Intl 117:38 Jan '80

HELLFIRE

Aerial antitank weapon system: A better can opener. Maj A.L.Mutzig. illus Mil Rev 60:60-66 Sep '80

Harpoon

Harpoon: A PGM case-in-point of program mis-management. C.W.Borklund. illus Govt Exec 12:18+ Jan '80

The Harpoon era: New force on the oceans. illus Def & For Aff 8, No.5:14-15+ '80

Harpooning the Viking. LCDR Philip D.Voss. illus US Nav Inst Proc 106:63-67 Feb '80

Hawk

First IHawk firing ARTEP. Maj Edwin S.Stone III. illus tabs Air Def Mag, pp 4-8, Oct-Dec '80

Lance

Artillery fired atomic projectiles--a field artilleryman's viewpoint. Col William E.Serchak. illus Fld Arty J 48:7-12 Mar-Apr '80

Coming soon: Lance tactical ASP (Annual Service Practice) for Europe? Maj Robert H.Kimball. illus Fld Arty J 48:13-15 Mar-Apr '80

MX

Air Force priorities. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1980) Hans M.Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Nov '80

Army planning sites for MX missiles. Jim Tice. AF Times 40:45 Mar 3 '80

Carter orders "highest national priority" for XM-1, M-X and Pershing II programs. Armed Forces J Intl 117:17 May '80

The case for the MX. Lawrence J.Korb. map tabs AU Rev 31:2-10 Jul-Aug '80

MISSILE TYPE - ContinuedMX - Cont'd

Facts on MX outlined in kit. Len Famiglietti. illus AF Times 41:36 Aug 11 '80

Family housing scarce on planned MX bases. AF Times 41:22 Jul 28 '80

MX bases to draw 30,000 people. Len Famiglietti. illus AF Times 41:4 Dec 29 '80

The MX-basing mode muddle--issues and alternatives. Donald M.Snow. illus tab AU Rev 31:11-25 Jul-Aug '80

MX controversial 'racetrack' dropped. Len Famiglietti. illus AF Times 40:2 May 19 '80

The M-X: Critical need for the United States. (Presentation, Orange County World Affairs Council, Santa Ana, CA, April 9, 1980) BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup, pp 9-15, Jun '80

MX energy design to cost \$202M. Len Famiglietti. AF Times 41:19 Nov 17 '80

MX manpower: Planning ahead. AF Times 40:8 May 5 '80

The MX missile and the U.S. strategic deterrent. Hy Kaplan. illus Sergenats 18:24-27 Feb '80

M-X--the full perspective. Seymour L.Zeiberg. illus Defense/80, entire issue, Sep '80

M-X: The ICBM legacy continues. Maj David K.Snyder. illus Combat Crew pt 1, 30:18-19+ Aug '80; pt 2, Deployment. 30:18-19+ Sep '80

M-X weapon system ... an essential element of strategic deterrence. LtCol Thomas L.Bozarth. illus AF Engrg & Svcs Qtr 21:3-6 May '80

Missile X electronics on safe critical path--even floated ball is low risk. illus tab Mil Elect/Countermeasures 6:34+ Jul '80

New MX plan could save \$2 billion. AF Times 40:2 May 12 '80

Panel (House Appropriations Committee): Scrap SALT ports. Len Famiglietti. AF Times 41:26 Aug 4 '80

Planning the MX weapon system. LtCol Thomas L.Bozarth. illus Mil Engr 72:308-311 Sep-Oct '80

Renewable energy systems for the MX. Gail H. Marcus. illus tab Signal 34:77+ May-Jun '80

SAC's dual edged sword. Gen Richard H.Ellis. illus NATO's Fifteen Nations 25:18-20+ Apr-May '80

SUM (Shallow Underwater Missile): It doesn't add up. Sen E.J.Garn. illus tab Armed Forces J Intl 117:36-37 Jan '80; Commentary. Sen Mark O.Hatfield. 117:66+ Feb '80

SUM (Shallow Underwater Missile) strategy. Sen Mark O.Hatfield. illus Armed Forces J Intl 117:35-36 Jan '80

MISSILE TYPE - ContinuedMX - Cont'd

SUM (Shallow Underwater Mobile): The bottom line-- a coastal alternative to the Great Wall concept. Merle MacBain. illus Sea Power 22:42-44 Dec '79

Seaborne MX R&D. AF Times 41:7 Sep 22 '80

Solar energy for MX? AF Times 40:24 Mar 24 '80

Solar power for MX? Armed Forces J Intl 117:8+ Jan '80

A solid case for MX. Edgar Ulsamer. illus AF Mag 63:28-35 Apr '80

Statement on the M-X system. (Presentation, Subcommittee on Military Construction, Senate Appropriations Committee, Washington, May 6, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 15-18, Jul '80

Strategic air power. Gen Richard H. Ellis. illus RUSI J for Def Studies 125:3-8 Mar '80

Survivability with the MX. illus Mil Engr 72:114 Mar-Apr '80

Titan I shell exhibit boosting MX. AF Times 41:28 Nov 24 '80

Two new bases planned for MX. John Ginovsky. map AF Times 40:28 Apr 14 '80

Why the U.S. must have the MX missile. LtGen Kelly H. Burke. Air Reservist 32:3 May '80

Will the MX missile survive? LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Mar 24 '80

World realities and the M-X. (Presentation, Clovis, NM, Chamber of Commerce, Sep 12, 1980) Joe F. Meis. AF Plcy Ltr for Comdrs: Sup, pp 27-36, Nov '80

Costs

The case for the MX. Lawrence J. Korb. map tabs AU Rev 31:2-10 Jul-Aug '80

Minuteman

Crews in competition. illus Combat Crew 30:6-15+ Apr '80

The four billion-dollar annual data larceny. Thomas F. Walton. Govt Exec 12:22-23 Nov '80

Launch under attack to redress Minuteman vulnerability? Richard L. Garwin. Intl Sec 4:117-139 Winter '79/'80

Mighty missile down! (A Minuteman at one of the Whiteman AFB, MO, sites requires speedy repair) Sgt Craig Pugh. illus Airman 24:21-25 Apr '80

381st SMW wins a close competition. (Olympic Arena 1980) illus Combat Crew 30:12-17 Jul '80

SUM (Shallow Underwater Missile): It doesn't add up. Sen E.J. Garn. illus tab Armed Forces J Intl 117: 36-37 Jan '80; Commentary. Sen Mark O. Hatfield. 117:66+ Feb '80

MISSILE TYPE - ContinuedMinuteman - Cont'd

SUM (Shallow Underwater Missile) strategy. Sen Mark O. Hatfield. illus Armed Forces J Intl 117: 35-36 Jan '80

SUM (Shallow Underwater Mobile): The bottom line-- a coastal alternative to the Great Wall concept. Merle MacBain. illus Sea Power 22:42-44 Dec '79

Nike Hercules

Preparation for a nuclear surety inspection. Capt John M. Urias. illus Air Def Mag, pp 37-39, Jan-Mar '80

Patriot

Drones take on White Sands missiles. SrArmn Tom Power. illus AF Times 40:31 May 19 '80

Long range air defence. MajGen O.D. Street III and LtCol K.N. Brown. illus tab NATO's Fifteen Nations 25:47-48+ Aug-Sep '80

Patriot goes into limited production. illus Def Elect 12:37-38 Dec '80

Patriot--the air defense system for the 80s. illus Armada Intl 4:44+ May-Jun '80

Patriot: The U.S. Army's mobile air-defense missile system nears production. Rudi Meller. illus Intl Def Rev 13, No.4:495-499 '80

Patriot update (battalion organization). Maj Anthony J. Buetti. illus charts Air Def Mag, pp 23-25, Oct-Dec '80

Pershing

Artillery fired atomic projectiles--a field artilleryman's viewpoint. Col William E. Serchak. illus Fld Arty J 48:7-12 Mar-Apr '80

Carter orders "highest national priority" for XM-1, M-X and Pershing II programs. Armed Forces J Intl 117:17 May '80

The deployment of Pershing II to Europe--some implications. LtCol William K. Megill. illus Mil Rev 60: 58-66 Dec '80

Development of Pershing II. Maj Robert L. Shearer. illus Fld Arty J 48:30-36 May-Jun '80

NATO agrees to deploy 572 new long range nucs. illus Armed Forces J Intl 117:38 Jan '80

Polaris

The origin of Polaris. William F. Whitmore. illus US Nav Inst Proc 106:55-59 Mar '80

Roland

Roland: Answer to the low-level air threat. Yves Robins and others. illus NATO's Fifteen Nations 25:60-66 Feb-Mar '80

SAM-D

See Patriot

MISSILE TYPE - ContinuedSidewinder

ASRAAM--smoke without fire? illus Intl Def Rev 13, No.5:686-687 '80

Improved Sidewinder surfaces. Richard Hartman. illus Def Elect 12:27-28 Apr '80

Stinger

Stinger training devices. MSgt William A. Chapman. illus Air Def Mag, pp 27-29, Jul-Sep '80

TOW

The ATFV. Lt Noyes B. Livingston III. illus Infantry 70:10-12 Mar-Apr '80

Army works to improve TOW. MarCor Gaz 64:8 Nov '80

New punch with TOW Cobra. Capt C.B. Stoops. illus tab MarCor Gaz 64:21-24 Dec '80

Titan

Crews in competition. illus Combat Crew 30:6-15+ Apr '80

Guidance system saves 97M on SAC missiles. AF Times 41:33 Jul 28 '80

'Mum' still the word on nukes. AF Times 41:16 Oct 27 '80

New safety rules after Titan blast. Len Famiglietti. illus AF Times 41:1+ Oct 6 '80

381st SMW wins a close competition. (Olympic Arena 1980) illus Combat Crew 30:12-17 Jul '80

10 injured in explosion (in Titan II missile silo). AF Times 41:8 Sep 29 '80

Titan I shell exhibit boosting MX. AF Times 41:28 Nov 24 '80

Titan II given good report. Len Famiglietti. AF Times 40:16 Jun 2 '80

Titan leak forces families to evacuate. Len Famiglietti. AF Times 40:2 May 12 '80

Titan missile hazard team wins praise. AF Times 41:33 Oct 13 '80

Titan replacement urged by Stennis. AF Times 41:7 Oct 13 '80

Two injured in explosion suing Titan contractor. AF Times 41:4 Nov 17 '80

The U.S. Senate honors heroic Titan crews. Edgar Ulsamer. AF Mag 63:40-41 Dec '80

Trident

All wet about a "blunted Trident." Benjamin F. Schemmer. illus Armed Forces J Intl 117:36-37+ Apr '80

MISSILE TYPE - ContinuedTrident - Cont'd

Boeing offers 707/ECX for TACAMO (TAKE CHARGE And Move Out) role. illus tab map Intl Def Rev 13 No.5:688-689 '80

The Trident missile: America's future deterrent. Gerard K. Burke. illus US Nav Inst Proc 106:131-134 Mar '80

Trident: New meaning in an ancient symbol. Charles N. Dragonette. illus Sea Power 22:25+ Dec '79

The U.S. Navy: Strategic missile submarines. Norman Polmar. US Nav Inst Proc 106:141-142 Mar '80

Wasp

U.S. tube launched smart anti-tank munitions. Gowri S. Sundaram. illus Intl Def Rev 13, No.8:1233-1236 '80

Wasp: New missile that thinks for itself. illus Def Elect 12:44-45 Jun '80

MISSILE UNITSUnited States

Crews in competition. illus Combat Crew 30:6-15+ Apr '80

Hill (AFB, UT) unit keeps weapons ready. AF Times 41:24 Dec 22 '80

381st SMW wins a close competition. (Olympic Arena 1980) illus Combat Crew 30:12-17 Jul '80

Thirty years of missile history. illus tabs Combat Crew 30:10-12 Jun '80

MISSILESSee alsoRockets

Air-to-air missiles of the Western World. Mark Hewish. illus tab Interavia 35:209-214 Mar '80

The missile tables. Tables only. Def & For Aff 8, No.3:29-33+ '80

NATO, nuclear weapons, and the death of detente. tabs Def Monitor 9: entire issue Mar '80

Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80

Rockets and missiles: An obituary for cannon? Maj William P. Whelihan. illus tab Fld Arty J 48:12-14 Jul-Aug '80

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80

Basing

Army planning sites for MX missiles. Jim Tice. AF Times 40:45 Mar 3 '80

MISSILES - ContinuedBasing- Cont'd

- Family housing scarce on planned MX bases. AF Times 41:22 Jul 28 '80
- MX bases to draw 30,000 people. Len Famiglietti. illus AF Times 41:4 Dec 29 '80
- The MX-basing mode muddle--issues and alternatives. Donald M.Snow. illus tab AU Rev 31:11-25 Jul-Aug '80
- MX controversial 'racetrack' dropped. Len Famiglietti. illus AF Times 40:2 May 19 '80
- MX energy design to cost \$202M. Len Famiglietti. AF Times 41:19 Nov 17 '80
- M-X--the full perspective. Seymour L.Zeiberg. illus Defense/80, entire issue, Sep '80
- M-X: The ICBM legacy continues. Maj David K.Snyder. illus Combat Crew pt 1, 30:18-19+ Aug '80; pt 2, Deployment. 30:18-19+ Sep '80
- M-X weapon system ... an essential element of strategic deterrence. LtCol Thomas L.Bozarth. illus AF Engrg & Svcs Qtr 21:3-6 May '80
- New MX plan could save \$2 billion. AF Times 40:2 May 12 '80
- Planning the MX weapon system. LtCol Thomas L. Bozarth. illus Mil Engr 72:308-311 Sep-Oct '80
- The question of deploying U.S. theater nuclear weapons in Europe. Lawrence J.Korb. tabs Nav War Col Rev 33:99-105 May-Jun '80
- SUM (Shallow Underwater Missile) strategy. Sen Mark O.Hatfield. illus Armed Forces J Intl 117: 35-36 Jan '80
- SUM (Shallow Underwater Mobile): The bottom line--a coastal alternative to the Great Wall concept. Merle MacBain. illus Sea Power 22:42-44 Dec '79
- A solid case for MX. Edgar Ulsamer. illus AF Mag 63:28-35 Apr '80
- Statement on the M-X system. (Presentation, Subcommittee on Military Construction, Senate Appropriations Committee, Washington, May 6, 1980) Harold Brown. AF Pley Ltr for Comdrs: Sup, pp 15-18, Jul '80
- World realities and the M-X. (Presentation, Clovis, NM, Chamber of Commerce, Sep 12, 1980) Joe F. Meis. AF Pley Ltr for Comdrs: Sup, pp 27-36, Nov '80

Characteristics

- Air-to-air missiles of the Western World. Mark Hewish. illus tab Interavia 35:209-214 Mar '80
- The Chinese ballistic missile program. Mark Wade. illus tabs Intl Def Rev 13, No.8:1190-1192 '80
- Gallery of Soviet aerospace weapons: Airborne tactical and defence missiles. illus AF Mag 63:133-134 Mar '80
- Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 63:131-133 Mar '80

MISSILES - ContinuedCharacteristics - Cont'd

- Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 63:134-135 Mar '80
- Gallery of USAF weapons: Airborne tactical and defence missiles. illus AF Mag 63:147-148 May '80
- Gallery of USAF weapons: Strategic missiles. illus AF Mag 63:146 May '80
- Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine
- The Matra Super 530: The French Air Force's new air intercept missile. illus tabs Intl Def Rev 13, No.1:47-50 '80
- The missile tables. Tables only. Def & For Aff 8, No.3:29-33+ '80
- A new generation of missiles to meet a growing threat. Deborah G.Meyer. illus tabs Armed Forces J Intl 118:34-36+ Oct '80
- Seawolf shows its teeth. Enrico delle Capre. illus Asian Def J No.2:28-30+ Mar-Apr '80

CountermeasuresSee Missile DefenseDesign

- The Matra Super 530: The French Air Force's new air intercept missile. illus tabs Intl Def Rev 13, No.1:47-50 '80

Detection

- Air defense radars--solutions from Selenia. Gowri S.Sundaram. illus Intl Def Rev 13, No.1:67-69 '80
- New missile warning sensor unveiled. Benjamin F. Schemmer. illus Armed Forces J Intl 117:50 Jun '80

Dispersal

- The MX-basing mode muddle--issues and alternatives. Donald M.Snow. illus tab AU Rev 31:11-25 Jul-Aug '80

Exhibitions

- Military highlights from Farnborough International '80. illus Intl Def Rev 13, No.8:1285-1290 '80

FuelsSee PropellantsGround-Support Equipment

- Air launched cruise missile construction program. Maj Gerald L.Robinson and others. illus AF Engrg & Svcs Qtr 21:28-30+ May '80
- MX energy design to cost \$202M. Len Famiglietti. AF Times 41:19 Nov 17 '80
- M-X weapon system ... an essential element of strategic deterrence. LtCol Thomas L.Bozarth. illus AF Engrg & Svcs Qtr 21:3-6 May '80

MISSILES - ContinuedGuidance and Control

Advances in target acquisition and missile guidance. John S. Phillip. illus Asian Def J No.3:56+ May-Jun '80

Guidance system saves 97M on SAC missiles. AF Times 41:33 Jul 28 '80

"Intelligent" missiles for tomorrow. John S. Philipp. illus Asian Def J No.5:20+ Sep-Oct '80

Missile X electronics on safe critical path--even floated ball is low risk. illus tab Mil Elect/Coun-termeasures 6:34+ Jul '80

"Phasers, lasers and blazers." Maj G.R. Hepfner. illus Combat Crew 30:22-23 May '80

10,000th GR-H4 gyroscope marks British production achievement. illus Asian Def J No.3:106-107 May-Jun '80

Trends in radar missile guidance. Hans A. Maurer. illus tabs Intl Def Rev 13, No.9:1415-1422 '80

USAF millimetre-wave seeker developments. Albert N. DiSalvio. illus Intl Def Rev 13, No.1:42-46 '80

The underwater missiles. Stefan Geisenheyner. illus tab Asian Def J No.6:37-41+ Nov-Dec '80

U.S. tube launched smart anti-tank munitions. Gowri S. Sundaram. illus Intl Def Rev 13, No.8:1233-1236 '80

Interception

Army planning new antimissile missile defense system. Carol Feineman. illus tabs Def Elect 12:9-11 Sep '80

Last-ditch surface-to-surface missile defense--European style. Stefan Geisenheyner. illus Def Elect 12:49+ Jan '80

Patriot update (battalion organization). Maj Anthony J. Buetti. illus charts Air Def Mag, pp 23-25, Oct-Dec '80

Launching

Computer simulates air-to-ground missile strikes. Marilyn Hicks. illus Def Elect 12:30+ Nov '80

Floating-launched ballistic missiles. Paul A. Chadwell. illus tab Natl Def 64:24-27 Apr '80

"Intelligent" missiles for tomorrow. John S. Philipp. illus Asian Def J No.5:20+ Sep-Oct '80

Launch under attack to redress Minuteman vulnerability? Richard L. Garwin. Intl Sec 4:117-139 Winter '79/'80

The origin of Polaris. William F. Whitmore. illus US Nav Inst Proc 106:55-59 Mar '80

Unauthorized launch studies. TIG Brief 32:15 Aug 29 '80

U.S. tube launched smart anti-tank munitions. Gowri S. Sundaram. illus Intl Def Rev 13, No.8:1233-1236 '80

MISSILES - ContinuedLaunching -Cont'd

Vandenberg (AFB, CA) launches in 1983--MX, space projects bulk large. Interview. MajGen William D. Gilbert. AF Times 40:21 Mar 31 '80

Maintenance and Repair
See Missile MaintenanceSafety Measures

New safety rules after Titan blast. Len Famiglietti. illus AF Times 41:1+ Oct 6 '80

PE (Personnel Error): Not physical education. TIG Brief 32:6 Nov 14 '80

Two injured in explosion suing Titan contractor. AF Times 41:4 Nov 17 '80

Tracking

Air defense radars--solutions from Selenia. Gowri S. Sundaram. illus Intl Def Rev 13, No.1:67-69 '80

Kwajalein Missile Range--a national asset. LtCol Martin G. Olson. illus Air Def Mag, pp 30-35, Jul-Sep '80

USAF millimetre-wave seeker developments. Albert N. DiSalvio. illus Intl Def Rev 13, No.1:42-46 '80

Warheads

Artillery fired atomic projectiles--a field artilleryman's viewpoint. Col William E. Serchak. illus Fld Arty J 48:7-12 Mar-Apr '80

China (People's Republic)

The Chinese ballistic missile program. Mark Wade. illus tabs Intl Def Rev 13, No.8:1190-1192 '80

France

French nuclear weapons choices for the next twenty years. Germain Chambost. Intl Def Rev 13, No.7: 982 '80

The Matra Super 530; The French Air Force's new air intercept missile. illus tabs Intl Def Rev 13, No.1:47-50 '80

Great Britain

BAe expects to double Rapier sales. Mark Hewish. illus Interavia 35:920-921 Oct '80

Last-ditch surface-to-surface missile defense--European style. Stefan Geisenheyner. illus Def Elect 12:49+ Jan '80

Low-level air defense--Rapier reaches age of maturity. Robert Heck. illus Armada Intl 4:78+ Mar-Apr '80

Sea Skua lightweight strike system. illus Armada Intl 4:44+ Jan-Feb '80

Seawolf shows its teeth. Enrico delle Capre. illus Asian Def J No.2:28-30+ Mar-Apr '80

U.S. firms up \$400-million UK Rapier buy; Congress likely to accelerate it. Deborah M. Kyle. illus Armed Forces J Intl 118:46 Sep '80

MISSILES - ContinuedIsrael

They make aircraft too; IAI (Israel Aircraft Industries), Israel's technology base. Felix Müller. illus Armada Intl 4:18+ Jan-Feb '80

Italy

Last-ditch surface-to-surface missile defense--European style. Stefan Geisenheyner. illus Def Elect 12:49+ Jan '80

NATO

ASRAAM--smoke without fire? illus Intl Def Rev 13, No.5:686-687 '80

NATO agrees to deploy 572 new long range nucs. illus Armed Forces J Intl 117:38 Jan '80

NATO and new missiles. Editorial. Walter F.Hahn. Strat Rev 8:9-10 Winter '80

Ocean control: Missile systems in the Soviet press. Norman L.Stone. illus map Mil Elect/Counter-measures 6:39-40+ Oct '80

Pentagon's "Eurostrategy" plans. V.Kuznetsov. Soviet Mil Rev No.2:53-54 Feb '80

Russia

Analysis and compliance enforcement in SALT verification. Sen Gordon J.Humphrey. Intl Sec Rev 5: 1-26 Spring '80

Floating-launched ballistic missiles. Paul A.Chadwell. illus tab Natl Def 64:24-27 Apr '80

Gallery of Soviet aerospace weapons: Airborne tactical and defence missiles. illus AF Mag 63:133-134 Mar '80

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 63:131-133 Mar '80

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 63:134-135 Mar '80

Submarine launched ballistic missiles in the Soviet and the U.S. Navy. Khursid Ahmed Khan. illus tabs Islamic Def Rev 5, No.1:33+ '80

Theater nuclear encirclement: Soviet SLBM's targeted on Western Europe. Floyd D.Kennedy, Jr. illus Natl Def 64:42-47 Feb '80

The wartime role of Soviet SSBNs--Round Two. LCDR Carl H.Clawson, Jr, Ret. illus tabs US Nav Inst Proc 106:64-71 Mar '80

United StatesSee also

Missile Type

Army air defense: A new role? MajGen Oliver D. Street III and LtCol Kenneth N.Brown. illus Army 30:24-29 May '80

Changing strategies for a changing world. (Report on AFA's symposium, "New Defense Horizons: Changing Strategies for a Changing World," Los Angeles, Oct 25-26, 1979) Edgar Ulsamer. illus AF Mag 63: 66-73 Jan '80

MISSILES - ContinuedUnited States - Cont'd

Cruise missile development: The competition is fierce--everywhere. tabs illus Govt Exec 12: 22-24+ Jan '80

Dawn of a new strategic era? Edgar Ulsamer. AF Mag 63:49-54 May '80

Layered defense seen for ICBMs. Len Famiglietti. AF Times 40:21 Jun 30 '80

Missiles and astronautics. Regular feature in some issues of National Defense

Ocean control: Missile systems in the Soviet press. Norman L.Stone. illus map Mil Elect/Counter-measures 6:39-40+ Oct '80

History

The birth of guided missiles. RADM Delmar S.Fahrney, Ret. illus US Nav Inst Proc 106:54-60 Dec '80

(Col) George V.Holloman: Missile pioneer. Jacob Neufeld. illus Aerosp Hist 27:101-102 Jun '80

United States--Air Force

CMCA: The confused missile carrier aircraft. Bob Carr. illus tabs Armed Forces J Intl 117:68-71 Feb '80

The case for the MX. Lawrence J.Korb. map tabs AU Rev 31:2-10 Jul-Aug '80

Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 63:147-148 May '80

Gallery of USAF weapons: Strategic missiles. illus AF Mag 63:146 May '80

A more liberal, avant garde R&D program. Edgar Ulsamer. illus AF Mag 63:42-47 Jun '80

New guy on the street--the AIM9L. Capt Mike W. Schoenfeld. illus tab USAF Ftr Wpns Rev, pp 2-6, Spring '80

No lock AIM9 ranging. Maj Rich Hardy. illus tabs USAF Ftr Wpns Rev, pp 7-8, Spring '80

Panel (Senate Armed Services Committee) wants no missile carrier. Len Famiglietti. AF Times 40:26 Jul 7 '80

SAC air launched missiles. illus Combat Crew 30:23 Jun '80

The strategic triad in the '80s. (Presentation, National Security Industrial Assoc, Washington, Dec 12, 1979) LtGen Kelly H.Burke. AF Plcy Ltr for Comdrs: Sup, pp 24-30, Apr '80

U.S. firms up \$400-million UK Rapier buy; Congress likely to accelerate it. Deborah M.Kyle. illus Armed Forces J Intl 118:46 Sep '80

U.S. strategic deterrent capability. (Presentation, 49th Annual Meeting, Utah State Bar, Salt Lake City, July 18, 1980) Gen Richard H.Ellis. AF Plcy Ltr for Comdrs: Sup, pp 6-11, Sep '80

Vandenberg (AFB, CA) launches in 1983--MX, space projects bulk large. Interview. MajGen William D.Gilbert. AF Times 40:21 Mar 31 '80

MISSILES - ContinuedUnited States--Air Force- Cont'dHistory

Thirty years of missile history. illus tabs Combat Crew 30:10-12 Jun '80

United States--Army

Army guns to fire laser-guided projectiles. illus Def Elect 12:28-29 Aug '80

Army missiles. BrigGen Benjamin J. Pellegrini and Maj Jim McCullough. illus Armor 89:44-47 Sep-Oct '80

"I've got more missions than I've got resources to handle them." Interview. MajGen Robert L. Moore illus Armed Forces J Intl 118:46+ Oct '80

A new generation of missiles to meet a growing threat. Deborah G. Meyer. illus tabs Armed Forces J Intl 118:34-36+ Oct '80

Play it again, SAM. David Harvey. illus Def & For Aff 8:12-13+ Sep '80

United States--Navy

The birth of guided missiles. RADM Delmar S. Fahney, Ret. illus US Nav Inst Proc 106:54-60 Dec '80

Floating-launched ballistic missiles. Paul A. Chadwell. illus tab Natl Def 64:24-27 Apr '80

The Harpoon era: New force on the oceans. illus Def & For Aff 8, No. 5:14-15+ '80

The origin of Polaris. William F. Whitmore. illus US Nav Inst Proc 106:55-59 Mar '80

Submarine launched ballistic missiles in the Soviet and the U.S. Navy. Khursid Ahmed Khan. illus tabs Islamic Def Rev 5, No. 1:33+ '80

MISSILES, ANTI-AIRCRAFT

ADA (Air Defense Artillery) in the heavy division-- a new concept of employment. LtCol Domenic P. Rocco, Jr. illus Air Def Mag, pp 30-33, Apr-Jun '80

Advances in target acquisition and missile guidance. John S. Phillip. illus Asian Def J No. 3:56+ May-Jun '80

Air defence of land forces in the 1980s. Col Norman L. Dodd. illus Asian Def J No. 2:62-63+ Mar-Apr '80

Antihelicopter operations. Maj Frank E. Babiasz and Capt Carl E. Daschke. illus USA Avn Dig 26:24-27 May '80

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 63:134-135 Mar '80

The Matra Super 530: The French Air Force's new air intercept missile. illus tabs Intl Def Rev 13, No. 1:47-50 '80

Patriot goes into limited production. illus Def Elect 12:37-38 Dec '80

MISSILES, ANTI-AIRCRAFT - Continued

Play it again, SAM. David Harvey. illus Def & For Aff 8:12-13+ Sep '80

Roland: Answer to the low-level air threat. Yves Robins and others. illus NATO's Fifteen Nations 25:60-66 Feb-Mar '80

Stinger training devices. MSgt William A. Chapman. illus Air Def Mag, pp 27-29, Jul-Sep '80

The threat: How to fight helicopters--Soviet style. Capt Carl E. Daschke. illus USA Avn Dig 26:45-47 Jan '80

Threat: SAM/AAA (Surface-to-Air Missiles/AntiAir-craft Artillery)? You bet your life! Maj Forrest D. Williams. illus tabs USA Avn Dig 26:8-11 Oct '80

MISSILES, ANTISATELLITE

Antisatellite missile flight test nears. illus Def Elect 12:22+ Dec '80

MISSILES, ANTISHIP

Air defense of the carrier task group. CAPT John E. Lacouture, Ret. illus US Nav Inst Proc 106:60-67 Jul '80

FPB (Fast Patrol Boats) weapon systems. (Reprinted from Electronic Warfare/Defense Electronics, Dec 1978). illus map Asian Def J No. 2:86+ Mar-Apr '80

Fast missile craft. John Marriott. illus NATO's Fifteen Nations 25:87-88+ Aug-Sep '80

Harpoon: A PGM case-in-point of program mismanagement. C.W. Borklund. illus Govt Exec 12:18+ Jan '80

The Harpoon era: New force on the oceans. illus Def & For Aff 8, No. 5:14-15+ '80

Harpooning the Viking. LCDR Philip D. Voss. illus US Nav Inst Proc 106:63-67 Feb '80

Last-ditch surface-to-surface missile defense-- European style. Stefan Geisenheyner. illus Def Elect 12:49+ Jan '80

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No. 2:100+ Mar-Apr '80

Missiles make ASW a new game. CAPT William J. Ruhe, Ret. illus US Nav Inst Proc 106:72-75 Mar '80

Otomat sea-skimming missile system. illus Armada Intl 4:56+ Mar-Apr '80

Sea Skua lightweight strike system. illus Armada Intl 4:44+ Jan-Feb '80

Seawolf shows its teeth. Enrico delle Capre. illus Asian Def J No. 2:28-30+ Mar-Apr '80

Styx and stones will break my bones: A report on how lightweight naval surface-to-surface missiles are changing the maritime balance. Milan Vego. illus Def & For Aff 8, No. 5:34-36+ '80

The wartime role of Soviet SSBNs--Round Two. LCDR Carl H. Clawson, Jr, Ret. illus tabs US Nav Inst Proc 106:64-71 Mar '80

MISSILES, ANTITANK

- Aerial antitank weapon system: A better can opener. Maj A.L. Mutzig. illus Mil Rev 60:60-66 Sep '80
- Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Oct-Nov '80
- Army works to improve TOW. MarCor Gaz 64:8 Nov '80
- Assault Breaker. Konrad Alder. illus Armada Intl 4:50-52+ Jan-Feb '80
- DARPA unveils staring focal plane array. James A. Tegnolia. illus tabs Def Elect 12:101-102+ Oct '80
- DFWES (Direct Fire Weapons Effects Simulation)--a new heliborne anti-tank simulation system. illus Intl Def Rev 13, No.2:257-258 '80
- The Dragon dilemma: Why low first-round hit rates? Maj Stanley H. Holgate. illus Mil Rev 60:25-30 Sep '80
- Dragon: Man-portable tank killer. illus tab Def Elect 12:62+ Apr '80
- Folgore: An advance in unguided anti-tank weapons. Eric Laurie. illus tabs Asian Def J No.2:56+ Mar-Apr '80
- Renault wheeled armoured vehicles. R.M.Ogorkiewicz. illus tab Intl Def Rev 13, No.5:723-727 '80
- Soviet doctrine responds to antitank missile threat. LtCol William P. Baxter, Ret. illus Army 30:29-32 Aug '80
- TASVAL. (Joint Army-Air Force-Marine Corps test of tactical air power) LtCol Lowell G. La Rue. illus Air Def Mag, pp 26-29, Jan-Mar '80
- Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80
- Towed artillery on future battlefields. Felix Müller. illus Armada Intl 4:6-8+ Mar-Apr '80
- USAF millimetre-wave seeker developments. Albert N. DiSalvio. illus Intl Def Rev 13, No.1:42-46 '80
- The U.S. Army's Infantry and Cavalry Fighting Vehicles. David G. Holmes. illus tabs Intl Def Rev 13, 7:1075-1081 '80
- U.S. tube launched smart anti-tank munitions. Gowri S. Sundaram. illus Intl Def Rev 13, No.8:1233-1236 '80
- Wasp: New missile that thinks for itself. illus Def Elect 12:44-45 Jun '80

MISSILES, CRUISE see Missiles

also Missile Type--ALCM; Missile Type--GLCM

MISSILES, NUCLEAR POWERED

- French nuclear weapons choices for the next twenty years. Germain Chambost. Intl Def Rev 13, No.7: 982 '80

MITCHELL, Billy

Billy Mitchell, prophet of U.S. air power. Hy Kaplan. por Sergeants 18:14-15 Dec '80

When honor conflicts with duty. LtCol George M. Hall. por AU Rev 31:45-60 Sep-Oct '80

MOBILE TRAINING UNITS

Our team in Spain. (A USAF mobile training team sent to train Spanish Army helicopter crews to use the XM-93 minigun) Maj John J. Moscatelli and SSgt Bill Welch. illus map Airman 24:36-38 Nov '80

MOBILITY

See also
Air Mobility

- Air Force programs: An overview. (Presentation, Baltimore, March 24, 1980) MajGen James E. McInerney, Jr. AF Plcy Ltr for Comdrs: Sup, pp 34-40, May '80
- Defending Europe against a conventional attack. Kenneth J. Coffey. illus tabs AU Rev 31:47-59 Jan-Feb '80
- Fast troops. LtCol Burton S. Boudinot, Ret. illus Armor 89:30-35 Sep-Oct '80
- Law and conflict at sea. LT Roger D. Wiegley. illus Nav War Col Rev 33:68-77 Jan-Feb '80
- MTMC: Cornerstone of strategic mobility. MajGen John D. Bruen. illus Army 30:194-199 Oct '80
- More mobility for today's threat. Col Larry R. Williams. illus MarCor Gaz 64:32-36 Jul '80
- A more rapidly deployable force. Charles W. Bernard. illus tabs map Natl Def 65:33-36+ Oct '80
- National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80
- The next twenty years of naval mobility. Thomas A. Clingan, Jr. illus US Nav Inst Proc 106:82-93 May '80
- The rapid deployment force: Criteria and imperatives. LtGen Victor H. Krulak, Ret. illus Strat Rev 8:39-43 Spring '80
- The rapid deployment force: How much, how soon? Col Raymond E. Bell, Jr. illus Army 30:18-24 Jul '80
- Readiness and strategic mobility. LtGen Arthur J. Gregg. illus Mil Engr 72:410 412 Nov-Dec '80
- Rhodesian bush war strategies and tactics: An assessment. Thomas Arbuckle. map RUSI J for Def Studies 124:27-33 Dec '79
- United we stand: Allied Command Europe Mobile Force (Land). illus map NATO's Fifteen Nations 25:84-85 Apr-May '80
- MOBILIZATION, MILITARY
- The hodgepodge exercise--a nugget of truth. illus Sea Power 23:20-22 Sep '80

MOBILIZATION, MILITARY - ContinuedGreat Britain

Crusader '80. Christian Eliot. illus NATO's Fifteen Nations 25:84 Oct-Nov '80

NATO

Reinforcing NATO--rapidly. (From remarks to the National Strategic Mobility Conference, Washington, May 28, 1980) Gen W.Y.Smith. illus Defense/80, pp 2-7, Aug '80

Rumania

Defense and mass mobilization in Romania. David P. Burke. Armed Forces & Soc 7:31-49 Fall '80

United States

Air Force Reserve programs. (Presentation, House Appropriations Committee, Washington, June 18, 1980) MajGen Richard Bodycombe. tabs AF Plcy Ltr for Comdrs: Sup, pp 17-25, Aug '80

Army revitalizing mobilization plans, procedures, assets. LtGen Glenn K.Otis. illus Army 30:118-123 Oct '80

Boost to AFRes capability. AF Times 40:3 Jul 7 '80

Boston Reserve unit scores success (in Emergency Deployment Readiness Exercise (EDRE)). Frank K.Costa. illus Translog 11:10-13 Jul '80

The calisthenics of military preparedness. (STARC (State ARea Command) readies for Proud Spirit/Mobex '80) Pamela Kane. illus Natl Guard 34: 20-23 Aug '80

The changeover to 'go to war' management. Gen Robert M.Shoemaker. illus Army 30:28-32 Oct '80

DOD orders Services to trim Standby Reserve. AF Times 40:12 May 19 '80

DOD wants 100,000 Reserve call-up option. AF Times 40:4 Jun 30 '80

Defending Europe against a conventional attack. Kenneth J.Coffey. illus tabs AU Rev 31:47-59 Jan-Feb '80

For logistics officers--the MOBDES (MOBilization DESignation) option. tab Army Log 12:17-19 Sep-Oct '80

The grim lessons of Nifty Nugget. John J.Flakla. illus Army 30:14-18 Apr '80

The lessons of Nifty Nugget. LtCol Walter R.Shope. illus Defense/80, pp 14-22, Dec '80

MAs (Mobilization Augmentees) on the move. Col Merlin R.Adams and LtCol Bernard V.Parrette. illus Air Reservist 33:10-11 Nov '80

MOBDES (MOBilization DESignation): Talent in Reserve. SSgt Jim Boersema. illus Soldiers 35:42-45 Jan '80

Military personnel problems reach crisis stage--Laird proposes sweeping compensation reforms as 'partial solution.' Melvin R.Laird. illus Sea Power 23:23-28 Mar '80

MOBILIZATION, MILITARY - ContinuedUnited States - Cont'd

Mobilization Augmentee ... what it's all about. LtCol Robert Henrickson. illus Air Reservist 32:16 Mar '80

Mobilization plans called improving. AF Times 41:8 Aug 25 '80

1978 operations uncovered some readiness shortfalls. Tom Philpott. AF Times 41:25 Aug 11 '80

No time for recrimination. (Address, ROA Mid-Winter Banquet, accepting Minute Man of the Year Award) Rep Samuel S.Stratton. illus Officer 56: 20-22 Apr '80

Outstanding MAs. illus Air Reservist 32:6-8 Jun '80

Outstanding MAs of 80s. illus Officer 56:16-17 Jun '80

Preparing for war: Administrative/logistics systems program review. Robert P.Smith. illus Mil Rev 60:67-70 Dec '80

Probing today's mysteries ... to ensure tomorrow. (Mobilization augmentee/Reserve supplement officers) Capt Myrna-Lynne Whitney. illus Air Reservist 32:14-16 Jul '80

Recalling retirees: Survey charts responsiveness. AF Times 40:4 May 5 '80

Reserves: Expanded missions, limited resources. MajGen William R.Berkman. illus tab Army 30: 166-169 Oct '80

Terminal operations and mobilization. (Address, National Defense Transportation Assoc Forum and Exposition, Chicago, Sep 21-23, 1980) illus Translog 11:1-4 Dec '80

History

Mobilization 1940: The big one. Col W.D.McGlasson. illus Natl Guard 34:10-23 Sep '80

Mobilization of a rifle company--the callup in a small Ohio town (Kenton, OH, 1940). V.Keith Fleming. illus map Natl Guard 34:26-30 Sep '80

MODEL AIRPLANES see Airplanes, Model

MONEYSee also

Electronic Funds Transfer System

Caught without cash? Tips on how to cope with travel problems and emergencies. Jacki Smith. illus AF Times 40:T3-T4+ May 19 '80

Discounting defense capital expenditure proposals and determining the discount rate. LtCol Eugene O. Poindexter, Ret. illus tabs Armed Forces Compt 25:8-11 Feb '80

Ex-member debtors may face bill collectors. Paul Smith. AF Times 41:2 Dec 22 '80

The impact of time on the value of cash flows. Dallas R.Blevins. illus tabs Armed Forces Compt 25: 16-19 May '80

MONEY - Continued

The money monster: Living within a budget. SGM Bruce N. Bant. illus tabs Soldiers 35:27-30 Jun '80

Penny in Pacific may disappear. Cindy Skaugen. AF Times 40:6 Jan 28 '80

MOONLIGHTING

More moonlight to get by. Don Mace. AF Times 40:3 May 5 '80

MOORE, Robert A.

Robert A. Moore, Deputy Under Secretary of Defense for Research and Engineering (Tactical Warfare Programs). Natl Def 65:5+ Aug '80

Tactical warfare developments into the 1980's. Robert A. Moore. Natl Def 65:22-27+ Aug '80

MOORE, Robert L.

"I've got more missions than I've got resources to handle them." Interview. MajGen Robert L. Moore. por Armed Forces J Intl 118:46+ Oct '80

MOORER, Thomas H.

The search for U.S. bases in the Indian Ocean: A last chance. ADM Thomas H. Moorer, Ret and Alvin J. Cottrell. por Strat Rev 8:30-38 Spring '80

MOOT, Robert C.

(A new decade in comptrollership) (Remarks, American Society of Military Comptrollers National Symposium, San Antonio, May 23, 1980) Robert C. Moot. por Armed Forces Compt 25:8-9 Nov '80

MORAL EDUCATION

School of moral education. (Interview with Gen Nikolai Lyashchenko) illus Soviet Mil Rev No. 10:2-5 Oct '80

MORALE

AF seeks people \$\$\$. Don Mace. AF Times 40:1+ Jan 21 '80

Air Force priorities. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Nov '80

American military performance in Vietnam: Background and analysis. Kurt Lang. J Pol & Mil Sociol 8:269-286 Fall '80

Field told, don't bank leave. Len Famiglietti. AF Times 41:3 Aug 4 '80

Fine-tuning enlisted incentives. Ed Gates. illus AF Mag 63:56-59 Apr '80

First-class Army... 4th class living conditions. Interview. LtGen Julius W. Becton, Jr. illus Army 30:22-26 Nov '80

GOs, O-6s to get base feedback. Len Famiglietti. AF Times 41:1+ Aug 25 '80

Getting the job done without getting done in by the jobs. MajGen Richard C. Schulze. illus MarCor Gaz 64:42-46 Oct '80

MORALE - Continued

Humor--a much needed remedy. Mike Nason. illus Sergeants 18:20-22 Dec '80

Individual and unit pride. CMSAF James M. McCoy. Airman 24:10 Aug '80

Individual pride--unit pride. CMSAF James M. McCoy. AF Plcy Ltr for Comdrs: Sup, pp 13-14, Jul '80

Let's all get behind MWR (Morale, Welfare and Recreation). Col Irv R. Gerrow. illus AF Compt 14:15 Oct '80

Monitoring orthodox job enrichment. Frederick I. Herzberg and Margaret W. Miner. illus Def Mgt J 16:30-36 Second Quarter '80

Morale: An invisible weapon. Maj Edgar L. Smith III. illus Armor 89:20-22 Mar-Apr '80

Morale and motivation. Gen Bruce C. Clarke, Ret. Officer 56:14 Sep '80

Morale and motivation--as important as ever. LtCol Charles R. Upshaw. MarCor Gaz 64:19 Apr '80

Morale, proficiency, and discipline. Maj Stephen D. Westbrook. tabs J Pol & Mil Sociol 8:43-54 Spring '80

Personal help plan (Lifespring) draws AF frowns. Len Famiglietti. AF Times 41:11 Sep 8 '80

Pour more energy into human factor. Interview. MajGen Richard Carr. AF Times 41:5 Aug 18 '80

The Railey report and Army morale, 1941: Anatomy of a crisis. Maj Stephen D. Westbrook. illus Mil Rev 60:11-24 Jun '80

Senior officer footprints, again! TIG Brief 32:13 Nov 28 '80

Sociopolitical alienation and military efficiency. Stephen D. Westbrook. tabs Armed Forces & Soc 6: 170-189 Winter '80

USO for the holidays. Ellen Paul. illus Soldiers 35: 38-39 Dec '80

MOROCHNICK, Stephen H.

The military and the civilian economy since the loss of the GI Bill. Cecile S. Landrum. illus AU Rev 31:74-81 May-Jun '80; Comment. Stephen H. Morochnick. 32:101-102 Nov-Dec '80

MORRIS, John W.

Engineers--mobilized for peace and war. LtGen John W. Morris. Mil Engr 72:4-8 Jan-Feb '80

Pulling the engineer family together. LtGen John W. Morris, Ret. Mil Engr 72:428-430 Nov-Dec '80

MORTARS

Experimental unit--one of a kind. LCpl Eric Carlson. illus MarCor Gaz 64:8 Apr '80

MOTELS see Hotels and Motels

MOTHBALL FLEET see National Defense Reserve Fleet MOTIVATION (PSYCHOLOGY) - Continued

MOTHBALLING see Helicopters, Military--Storage

MOTION PICTURES

'Over There': The Pershing story. Donald Smythe. illus Army 30:34-38 Dec '80

'Stand by for a fighter pilot!' ('The Great Santini') Capt Pat Coulter. illus MarCor Gaz 64:45-52 Feb '80

Vietnam--a soldier's view: Hugh McClure says his movie will set the record straight. Tom Donnelly. illus AF Times 41:47-48 Oct 27 '80

MOTION SICKNESS

Evaluation of the relationship between motion sickness symptomatology and blood pressure, heart rate, and body temperature. Ashton Graybiel and James R. Lackner. tabs Aviation, Space & Envmt Med 51:211-214 Mar '80

Motion sickness. Part I: A theory. Richard C. Schneider and Elizabeth C. Crosby. illus tab Aviation, Space & Envmt Med 51:61-64 Jan '80

Motion sickness. Part II: A clinical study based on surgery of cerebral hemisphere lesions. Richard C. Schneider and Elizabeth C. Crosby. illus Aviation, Space & Envmt Med 51:65-73 Jan '80

Motion sickness. Part III: A clinical study based on surgery of posterior fossa tumors. Richard C. Schneider and Elizabeth C. Crosby. illus tab Aviation, Space & Envmt Med 51:74-85 Jan '80

Physiological response to hyper- and hypogravity during rollercoaster flight. R.J. von Baumgarten and others. illus tabs Aviation, Space & Envmt Med 51:145-154 Feb '80

Piracetam and fish orientation during parabolic aircraft flight. Ronald B. Hoffman and others. illus tabs Aviation, Space & Envmt Med 51:568-576 Jun '80

Sea sickness in the sexes. CDR Robert Hershey. illus tab US Nav Inst Proc 106:95-97 Feb '80

Space motion sickness: Skylab revisited. Ashton Graybiel. illus tabs Aviation, Space & Envmt Med 51:814-822 Aug '80

A sudden-stop vestibulovisual test for rapid assessment of motion sickness manifestations. Ashton Graybiel and James R. Lackner. tab Aviation, Space & Envmt Med 51:21-23 Jan '80

Visual and postural motion aftereffects following parabolic flight. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 51:230-233 Mar '80

MOTIVATION (PSYCHOLOGY)

Alienation, anomie, and combat effectiveness. Maj Daniel W. Jacobowitz. illus AU Rev 31:21-34 Sep-Oct '80

The effects of simulated Infantry combat training on motivation and satisfaction. Paul R. Bleda and Robert H. Sulzen. tabs Armed Forces & Soc 6:202-214 Winter '80

From theory to action: Implementing job enrichment in the Air Force. LtCols Denis D. Umstot and William E. Rosenbach. illus AU Rev 31:74-81 Mar-Apr '80

Monitoring orthodox job enrichment. Frederick I. Herzberg and Margaret W. Miner. illus Def Mgt J 16:30-36 Second Quarter '80

Morale and motivation. Gen Bruce C. Clarke, Ret. Officer 56:14 Sep '80

Morale and motivation--as important as ever. LtCol Charles R. Upshaw. MarCor Gaz 64:19 Apr '80

PW: Encounters of the worst kind. William E. Hardy. illus Aerosp Safety 36:24-26 Jan '80

The selection of modern warriors. (Report of a seminar, RUSI, May 17, 1979) Hugh L'Etang and others. RUSI J for Def Studies 124:11-18 Dec '79

Sociopolitical alienation and military efficiency. Stephen D. Westbrook. tabs Armed Forces & Soc 6:170-189 Winter '80

MOTOR POOLS

GSA (General Services Administration) announces new rate increases (in the Interagency Motor Pool System). TIG Brief 32:9 Jul 25 '80

MOTOR VEHICLES

See also

All-Terrain Vehicles
Automobiles
Tractors
Trucks and Trucking

MTMC and the bus industry. Col Jerry C. Goodrich. illus Translog 11:13-15 Oct '80

Drivers and Driving

Deaths off 3 percent for occupants. AF Times 41:35 Nov 3 '80

Driving awareness. TIG Brief 32:16 May 2 '80

Energy conservation: The 55-mph speed limit. TIG Brief 32:11 Jun 27 '80

Extended driving--how far is too far? SSgt Steve Hull. illus TAC Attack 20:18-20 May '80

Just another Saturday. illus Soldiers 35:34-35 Nov '80

Suspension or revocation of base driving privileges. TIG Brief 32:4 Nov 14 '80

Three states join Non-Resident Violator Compact. TIG Brief 32:14 Jul 11 '80

Air Force

Continuing emphasis on vehicle mileage reductions and associated petroleum conservation. TIG Brief 32:13 Oct 17 '80

Foreign vehicles serve U.S. bases. (Operation European Vehicle Buy) illus AF Times 40:27 Mar 3 '80

MOTOR VEHICLES - ContinuedAir Force - Cont'd

GSA (General Services Administration) announces new rate increases (in the Interagency Motor Pool System). TIG Brief 32:9 Jul 25 '80

Gas costs spark test of electrics. John Ginovsky. AF Times 41:10 Dec 22 '80

Restricting ground fuel issues to transient vehicles: Energy conservation? TIG Brief 32:11 Jun 27 '80

Vehicle fleet fuel efficiency initiatives. TIG Brief 32:6 Aug 29 '80

Vehicles being 'downsized' to save gas. John Ginovsky. AF Times 41:11 Sep 15 '80

Maintenance and Repair

Nickles and dimes saved still add up to \$. TIG Brief 32:5-6 Sep 26 '80

Armed Forces

Tank-automotive news. Regular feature in some issues of National Defense

Army

Putting the M915 on the road. illus Army Log 12: 17-19 Jul-Aug '80

Marine Corps

The Marine Corps goes rolling along. Benis M. Frank. illus Sea Power 23:41-44 Nov '80

MOTORCYCLES AND BICYCLES

Accident figures up for bikes, runways. AF Times 41:16 Nov 24 '80

Bicycles: A real threat? TIG Brief 32:19-20 Nov 14 '80

Biking--different spokes for different folks. SSgt Jim Boersema. illus Soldiers 35:40-41 Jun '80

The \$485, 112 bicycle. TIG Brief 32:22 Nov 28 '80

The handlebar Infantry (Bicycle Corps). Don Miller. illus Army 30:38-40+ Sep '80

Lack of cycle safety a problem on bases. AF Times 40:37 Mar 3 '80

Motorcycle deaths rise. AF Times 40:8 Apr 21 '80

Motorcycle fatalities up sharply. TIG Brief 32:14 Jun 27 '80

Motorcycle safety. TIG Brief 32:20 Oct 17 '80

Selling motorcycle safety. TIG Brief 32:14 Jul 25 '80

Statistics grim on bike helmets. AF Times 41:34 Aug 11 '80

Two-wheeled death. TIG Brief 32:19 Sep 12 '80

University study tests ways to make cyclists more visible. TIG Brief 32:4 Jan 25 '80

MOUNTAIN FLYING

Helicopter operations in the Alps. Marc Grangier. illus Interavia 35:55-57 Jan '80

Let's talk TA/EVS (Terrain Avoidance/Electro-optical Viewing System). Maj J. Doug Ellinger. illus Combat Crew pt 1, 30:4-7 May '80; pt 2, 30:10-11 Jul '80

Let's talk TA/EVS (Terrain Avoidance/Electro-optical Viewing System). Capt Chris Moore. illus Combat Crew 30:7 Sep '80

Mountain waves--a force second only to tornados. LtCol James D. Simpson. illus tabs Aerosp Safety 36:16-19+ Mar '80

Roller Coaster operations across the FEBA (Forward Edge of the Battle Area). LtCol William C. Page, Jr. illus USA Avn Dig 26:34-38 Mar '80

MOUNTAIN OPERATIONS

Control the high ground. (Alpini Military School, Italy) Capt Wickliffe Walker. illus Soldiers 35:41-43 Nov '80

In deserts and mountains. Col Z. Shutov. map Soviet Mil Rev No. 11:41-43 Nov '80

Soviet mountain warfare operations. C.N. Donnelly. illus tabs Intl Def Rev 13, No. 6:823-834 '80

MOUNTAIN SICKNESS see Altitude, Influence ofMOUNTBATTEN, Louis M., Earl

Earl Mountbatten of Burma--"so rare a person." por NATO's Fifteen Nations 24:101 Oct-Nov '79

Lord Louis. Prince Philip, Duke of Edinburgh. por obit biog US Nav Inst Proc 106:26-35 Feb '80

A military commander surveys the nuclear arms race. Louis Mountbatten. Intl Sec 4:3-5 Winter '79/'80

"On the brink of the final abyss": A statement on war. Lord Mountbatten. por Def Monitor 9:1-2+ May '80

MOVEMENT CONTROL

Here are entered articles on planning and control of movement of troops and supplies.

See also

Deployment

Command and control at the DISCOM (3d Armored Division Support Command). LtCol Donald E.S. Merritt. illus Army Log 12:8-13 Jul-Aug '80

JOPS (Joint Operation Planning System) and resupply: The connection. LtCol Lawrence J. Faessler. AF J Log 4:2-3 Spring '80

Moving anywhere anytime soon? Bruce Callander. illus AF Times 41:20+ Nov 10 '80

Reinforcing NATO--rapidly. (From remarks to the National Strategic Mobility Conference, Washington, May 28, 1980) Gen W.Y. Smith. illus Defense/80, pp 2-7, Aug '80

Soviet mountain warfare operations. C.N. Donnelly. illus tabs Intl Def Rev 13, No. 6:823-834 '80

MOVEMENT CONTROL - Continued

Teamwork makes Reforger move. illus Translog 11: 1-2 Nov '80

"The whole world is watching" (ocean cargo in and out of Portugal). MSgt Franklin G. Lewis. illus Translog 11:2-4 May '80

MOVING see Household Effects

MOXLEY, John H., III

Medical care held improving. Interview. John H. Moxley III. AF Times 41:42 Nov 10 '80

A new handle on health care (DEERS, Defense Enrollment Eligibility Reporting System). John Moxley III. por Defense/80, pp 16-20, Oct '80

Where are the ... doctors? John Moxley III. por Defense/80, pp 8-13, Dec '80

MULTINATIONAL CORPORATIONS see Corporations, International

MUNITIONS

Building the industrial base--DARCOM and the Corps of Engineers. Gen John R. Guthrie. illus tabs Mil Engr 72:393-396 Nov-Dec '80

Careless munitions handling. TIG Brief 32:18 Sep 26 '80

Demilitarizing chemical munitions--prototype system offers safe disposal of Army chemical agents and munitions. illus Army Log 12:14-16 Nov-Dec '80

Disposal of munitions residue/lessons learned. TIG Brief 32:8 Nov 28 '80

Job rotation in munitions maintenance. TIG Brief 32:8 Mar 21 '80

Low rate initial production of USAF conventional munitions. Maj Wallace T. Bucher. illus tabs AF J Log 4:23-30+ Fall '80

Positive identification of ammunition. TIG Brief 32:16 Jan 11 '80

Realism in munitions loading crew training. TIG Brief 32:7 Oct 17 '80

Safe disposal of munitions scrap. TIG Brief 32:22 Jan 25 '80

Skipping across the ramp. 1stLt Steve Smith. illus USAF Ftr Wpns Rev, pp 28-32, Fall '80

MUNITIONS LOADING COMPETITIONS

Giant Sword (1980). illus tab Combat Crew 30:4-7 Nov '80

Taking home some 'iron.' (SAC's Giant Sword tests munitions load teams and security police teams) James A. George. illus Airman 24:2-7 Apr '80

MURPHY, Audie

Audie Murphy ... most decorated soldier of World War II. SSgt Jim Boersema. por Soldiers 35:18-21 Feb '80

MURRAY, Richard D.

More flying hours asked--jet engines available. Interview. BrigGen Richard D. Murray. AF Times 40:7 May 12 '80

MURRAY, Russell, II

The Marine Corps' future lies in being useful. (Address, Command and Staff College, June 6, 1980) Russell Murray 2d. MarCor Gaz 64:24-29 Aug '80

MUSEUMS

Museum news. Regular feature in some issues of Aerospace Historian

Air Force--U.S.

A people kind of place (U.S. Air Force Museum, Wright-Patterson AFB, OH) Robert K. Ruhl. illus Airman 24:20-27 Dec '80

A place for the peacekeepers (USAF Security Police Museum at Lackland AFB, TX). Capt Miles C. Wiley III. illus Airman 24:11-15 Jul '80

Army--U.S.

Army museums: Military history on parade. Helen Kay Ellsworth. illus Soldiers 35:50-53 May '80

Army Transportation Museum to expand. Pvt Stephan H. McCarthy. illus Translog 11:17-18 Nov '80

Marine Corps--U.S.

New Hall Museum rededicated at Independence National Historic Park. illus MarCor Gaz 64:10 Jun '80

National Guard--Armed Forces--U.S.

A day in the past or the things kids say. (National Guard Heritage Gallery) illus Natl Guard 34:18-19 May '80

Heritage Gallery offers a walk through your past. illus Natl Guard 34:22-29 Jun '80

Revolutionary War sword replica donated (to Heritage Gallery of the National Guard Assoc). illus Natl Guard 34:6 Dec '80

Navy--U.S.

Historical sea service sites, sights. Col Brooke Nihart, Ret. illus Sea Power 23:27-33 Jul '80

Great Britain

Imperial War Museum--Department of Photographs. illus Aerosp Hist 27:53-54 Mar '80

Russia

Central Lenin Museum. illus Soviet Mil Rev No. 11: 13-15 Nov '80

MUSEUMS - ContinuedRussia - Cont'd

Lenin (House-Museum) in Gorki. illus Soviet Mil Rev
No.9:8-10 Sep '80

United States

(Alabama Space and Rocket Center) Jay Miller. illus
AF Times 41:32 Dec 15 '80

Aviation historian Paul Garber: Sixty years with the
Smithsonian. William P.Schlitz. illus AF Mag 63:
77-81 Jun '80

The National Air and Space Museum. Robert Hotz.
(Reprinted from Aviation Week & Space Technol-
ogy, July 16, 1979) AF Plcy Ltr for Comdrs: Sup
No.2:38-40 Feb '80

Popularizing history of flight. (National Air and
Space Museum) Bruce Callander. illus AF Times
40:20+ Apr 14 '80

Tornado devastates museum--the Bradley Air Muse-
um. Robert H.Stepanek. illus Aerosp Hist 27:50-
52 Mar '80

MUSIC, MILITARYSee also

Bands (Music)

MUSKIE, Edmund S.

Muskie sees \$1 trillion in outlays in 5 years. AF
Times 41:10 Oct 13 '80

MUSLIM WORLD

Cultural dependency of the Muslim World. Zehra
Onder. illus Islamic Def Rev 5, No.3:20-24 '80

MYERS, Paul W.

The Air Force Surgeon General. por AF Mag 63:132-
133 May '80

Emergency medical services. LtGen Paul W.Myers.
TIG Brief 32:1-2 Sep 26 '80

Medical chiefs (Army's LtGen Charles C.Pixley,
Navy's ADM Willard P.Arentzen, AF's LtGen Paul
W.Myers) pull no punches on Service care.
(Briefing of ROA's National Council) por Officer
56:16 Apr '80

The picture of health. (Reviewing medical services
with AF Surgeon General LtGen Paul W.Myers)
MSgt David B.Drachlis. Airman 24:8-12 Apr '80

The Ranch Hand health effects study. (Presentation,
Subcommittee on Medical Facilities and Benefits,
House Veterans Affairs Committee, Washington,
Sep 16, 1980) LtGen Paul W.Myers. AF Plcy Ltr
for Comdrs: Sup, pp 37-39, Nov '80

Rank limits hurting PA morale. LtGen Paul W.
Myers. AF Times 40:4 May 26 '80

NADGE see NATO Air Defense Ground Environment

NASA see National Aeronautics and Space Administration

NA TO see North Atlantic Treaty Organization

NATO AIR DEFENSE GROUND ENVIRONMENT

Air defense radars--solutions from Selenia. Gowri S. Sundaram. illus Intl Def Rev 13, No. 1:67-69 '80

NATO INTEGRATED COMMUNICATIONS SYSTEM

Digital replacement of the ACE (Allied Command Europe) high transmission system. Gope D. Hingorani. illus map Signal 35:61-64 Dec '80

NATO C³ issues. Gen Bernard W. Rogers and others. illus Signal 35:9-10+ Dec '80

NDTA see National Defense Transportation Association

NGAUS see National Guard Association

NICS see NATO Integrated Communications System

NOAA see National Oceanic and Atmospheric Administration

NORAD see North American Air Defense Command

NROTC see Reserve Officers Training Corps--Navy

NAP-OF-THE-EARTH FLYING see Flight, Low-Altitude

NAPOLEONIC WARS

The King's German Legion at Waterloo. John Koster. illus map Infantry 70:26-32 Mar-Apr '80

Napoleon's defeat in Russia: The logistics perspective. Capt George M. Stephenson. illus map Army Log 12:20-23 Mar-Apr '80

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Guide to NASA's research centers. map AF Mag 63: 180 May '80

Not all peaches and cream for the space shuttle. illus Def Elect 12:75-76 Dec '80

NATIONAL BUSINESS AIRCRAFT ASSOCIATION

The 33d NBAA Show (Kansas City, Sep 23-25, 1980). illus Interavia 35:980-982 Nov '80

NATIONAL CHARACTERISTICS, RUSSIAN

Ethnic minorities in the Soviet military--implications for the decades ahead. LtCol Dallace Meehan. illus tab AU Rev 31:63-73 May-Jun '80

NATIONAL DEFENSE see Defenses

NATIONAL DEFENSE RESERVE FLEET

Navy asks OSD support to re-activate four Iowa-class battleships. illus Armed Forces J Intl 117:48 Apr '80

Rebirth in the dead fleet. Capt Bruce P. Schoch. illus tabs Translog 11:14-16 Mar '80

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

Annual NDTA Transportation and Logistics Forum and Exposition (Chicago, Sep 21-23, 1980). illus Def Trans J 36:45-68 Sep '80

MTMC honors traffic managers (at 35th National Defense Transportation Assoc Forum and Exposition, Chicago). illus Translog 11:10-11 Sep '80

NDTA honors (military) transportation units (at 35th Forum and Exposition, Chicago). illus Translog 11:3-4 Sep '80

NDTA talk. Regular feature in issues of Defense Transportation Journal

National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80

A report about the (35th) Annual Transportation and Logistics Forum and Exposition (Chicago) Sep 21-23, 1980. illus Def Trans J 36:5-8+ Dec '80

NATIONAL GOALS see National Policy

NATIONAL GUARD

Air Force

ANG plays important role in combat capability. (Testimony before House Appropriations Committee) LtGen LaVern E. Weber. AF Times 40:16 Jul 7 '80

Above all else ... a tank killer. SMSgt Gerald H. Smith. illus Air Reservist 32:12-14 Dec '79-Jan '80

Air National Guard. illus tabs AF Mag 63:128-130 May '80

Air National Guard and Air Force Reserve medical mission capability. TIG Brief 32:12 Feb 22 '80

Alaskans take the heat. illus Natl Guard 34:36-37 Jul '80

At the Arctic Circle. Dan Donohue. illus Air Reservist 32:12-13 Jul '80

Blacks in Guard increase 800 percent in last decade. AF Times 41:28 Oct 6 '80

Bold Eagle '80. SMSgt Gerald H. Smith. illus tab Air Reservist 32:16-17 Dec '79-Jan '80

The civilian cadre--National Guard technicians. Capt Joe T. Montoya. illus Air Def Mag, pp 23-25, Jan-Mar '80

Color them blue! (Air Guard and Reserves at AFA 34th National Convention, Washington, Sep 14-18, 1980) illus Air Reservist 33:16 Nov '80

Commissioning: ANG cuts ages. AF Times 41:4 Dec 1 '80

NATIONAL GUARD - ContinuedAir Force - Cont'd

Cope North. (Hawaii Air Guard and Japan Air Self Defense Force train together) 1stLt Drew M. Hurley. illus Air Reservist 32:23-24 Sep-Oct '80

Cope Thunder ... plus. Capt Michael W. Ritz. illus Air Reservist 32:18-19 Jun '80

Coronet Bridle: Duluth's 148th Tactical Recon Group deploys to Germany. TSgt Dick Palmer. illus Natl Guard 34:14-16 Apr '80

Deep sea rescue. Majrs Richard Weissbard and John Sullivan, Jr. illus Air Reservist 32:18-19 Apr '80

Empire Glacier '80. illus Air Reservist 32:6-7 Apr '80

Eyes in the sky. (The optometrist in uniform) Libby Turner. illus Air Reservist 32:10-11 Aug '80

Facing the mountain's fury! Terry Eddleman. illus Air Reservist 32:6-8 Jul '80

Farewell to the F-100's. Allan R. Scholin. illus Natl Guard 34:14-17+ Jan-Feb '80

Gallant Eagle '80. illus Air Reservist 32:16-17 May '80

Giant Voice. illus Air Reservist 32:6-7 Feb '80

The high rollers from Reno. (Nevada ANG 152d Tactical Reconnaissance Group) Capt Dick Sheffield. illus Airman 24:44-48 Sep '80

High rolling in Vegas (in Exercise Red Flag). Gerald H. Smith. illus Air Reservist 32:8-9 Dec '79-Jan '80

(Highlights of) NGAUS Conclave '80 (Las Vegas, NV, Sep 22-24, 1980). illus Air Reservist 33:17 Nov '80

Joined hands across the sea. Pamela Kane and 1stLt Carol Dulin. illus Natl Guard 34:20-27 Oct '80

License to lead. (Air National Guard trains NCOs and officer candidates at the Professional Military Education Center in Tennessee) Capt Dick Sheffield. illus Airman 24:30-34 Jul '80

MA's (Mobilization Augmentees) on the move. Col Merlin R. Adams and LtCol Bernard V. Parrette. illus Air Reservist 33:10-11 Nov '80

(MORT, Minority Officer Recruiting) Team action delivers new leadership. Pamela A. Kane. illus Natl Guard 34:12-13 Apr '80

'Merhaba' Merzifon. MSgt Janet A. Wright. illus Air Reservist 32:10-11 May '80

Merhaba, Merzifon. (Colorado Air National Guard deployed units to Turkey after orientation in language and culture taught by Air Force Academy faculty members) Capt Katie Cutler. illus Airman 24:2-7 Mar '80

Mission King Six One. Capt Michael W. Ritz. illus map Natl Guard 34:16-19 Mar '80

Okie Flight Two. (A highly successful Oklahoma ANG recruiting program) SMSgt Dave Sheeder. illus Airman 24:40-43 Oct '80

NATIONAL GUARD - ContinuedAir Force - Cont'd

On the edge of the Mohave. (Air National Guard units in Exercise Red Flag) illus Natl Guard 34:14-16 Aug '80

Paid Redoubt showed AFRES ready. Interview. MajGen Richard Bodycombe. illus AF Times 41:10 Sep 1 '80

Pax, trash and Mother MAC. Capt Carl Gidlund. illus Air Reservist 32:18-19 Dec '79-Jan '80

People of the total force. (Presentation, Salute Night to Reserves and Retired Force, Las Vegas, NV, June 6, 1980) MajGen Jerome F.O'Malley. AF Plcy Ltr for Comdrs: Sup, pp 20-24, Jul '80

Phase in the FACs. (The 110th Tactical Fighter Sq, ANG, performs a mission with student FACs) LtCols Julius S. Schweich, Jr and John D. Springer. illus Airman 24:7-9 Aug '80

Photo Finish. illus Air Reservist 32:8-9 Feb '80

Red Flag '80: A recce view. SSgt Frank Bean. illus Air Reservist 32:16-17 Sep-Oct '80

Riding high! (Military Airlift Command's Volant Rodeo) illus Natl Guard 34:26-29 Nov '80

Still leading the way. (Wisconsin ANG uses OA-37 jets for forward air control) Sgt Craig Pugh. illus Airman 24:2-6 Aug '80

Tales of a Wing. (191st Air Refueling Wg) Lt Jolan F. Silver. illus Combat Crew 30:4-7+ Jul '80

Toledo inferno. SSgt Joseph E. Snider. illus Air Reservist 32:23 Jun '80

Van-Guard. 2dLt Pat DelTorto. illus Air Reservist 33:7 Nov '80

Volant Rodeo '80 (MAC's tactical airlift competition). illus Air Reservist 32:10-11 Sep-Oct '80

Wave to 'tipsey' (TPS-43E). 2dLt Debra Watros. illus Air Reservist 32:16-17 Jun '80

History

The nav heritage--the KC-97L. LtCol Thomas P. Beal. illus Navigator 27:15-19 Winter '80

Armed Forces

Action on the Federal Tort Claims Act. Natl Guard 34:34-35 Jul '80

Another show at Seabrook. illus Natl Guard 34:17-18 Aug '80

Around the United States as a Guardsman. illus Natl Guard 34:26-27 Jun '80

Delaware National Guard Minuteman Marathon. Pamela A. Kane. illus Natl Guard 34:26-29 May '80

Earthquake: Cal Medex '80--San Franciscans secure with earthquake relief exercise. illus Natl Guard 34:14-17 Jul '80

Exploring the Guard: Marksmanship program is a first step for Explorer Scouts. 1stLt Jan Otteson and LtCol Leo Lujan. illus Natl Guard 34:20-22 Apr '80

NATIONAL GUARD - ContinuedArmed Forces - Cont'd

Guard & Reserve: Better ... but not good enough. Harold W. Chase. illus Defense/80, pp 12-17, Nov '80

Guardsmen carry on in firefighter's strike (Nashville, TN). Capt H. Hooper Penuel. illus Natl Guard 34: 14-16 Jun '80

'Military leave' pay still is unresolved. AF Times 41:14 Oct 27 '80

A mountain queen attacks ... the Guard fights back. illus Natl Guard 34:14-17 May '80

The (NGAUS) 1980 Red Book. illus Natl Guard 34: 8-11 Apr '80

The season to be helpful: The Guard pitches in! (1979 winter storms in Colorado and Wyoming) illus Natl Guard 34:6-9 Jan-Feb '80

She (Mount Saint Helens) roared and blew--but the cleanup has just begun. PFC Priscilla C. Munyon. illus Natl Guard 34:25-27+ Aug '80

Showdown at Seabrook: Confrontation with "Clamshell Alliance" anti-nuclear power forces. illus map Natl Guard 34:10-12 Jan-Feb '80

Tax guide for Reservists. Capt R. Michael Lantz, Jr. illus Officer 56:23-24 Feb '80

History

Historical continuity in the U.S. military Reserve system. Robert L. Goldich. Armed Forces & Soc 7:88-112 Fall '80

Army

Arctic soldiers (of the Alaska Army National Guard). Bill Mack. illus Soldiers 35:10-14 Mar '80

Aviation in Utah continues a rich tradition. Maj Reece Stein. illus Natl Guard 34:29 Apr '80

The calisthenics of military preparedness. (STARC (State Area Command) readies for Proud Spirit/Mobex '80) Pamela Kane. illus Natl Guard 34: 20-23 Aug '80

The calling. TSgt Ed Martins. illus Air Reservist 32: 16-17 Aug '80

A city in pain. (Riots in Miami) illus Natl Guard 34: 8-11 Jul '80

The civilian cadre--National Guard technicians. Capt Joe T. Montoya. illus Air Def Mag, pp 23-25, Jan-Mar '80

Clearing the path for advancement in the Reserve Components. Capt David T. Zabecki. illus Army 30:33-35 Sep '80

An exchange of wings over West Virginia. (Select members of the Canadian Airborne Regiment participate in Pierce Memorial Jump Fest, Camp Dawson, WV) Pamela A. Kane. illus Natl Guard 34:15-17 Nov '80

Florida Army Guardsmen smooth the way for Haitian refugees. illus Natl Guard 34:23 Jun '80

NATIONAL GUARD - ContinuedArmy - Cont'd

Florida Guard eases influx of (Cuban) refugees. illus Natl Guard 34:20-22 Jun '80

"Florida Guard proved its ability." (Interview with Col Robert F. Ensslin) Christopher Wright Ramsey. illus Natl Guard 34:24-25 Jun '80

Hurricane/Puerto Rico Army National Guard. illus USA Avn Dig 26:34-35 Jan '80

Inside the barricades. Col Raymond E. Bell, Jr. illus Natl Guard 34:14-16+ Oct '80

The medical connection: Trauma center (Maryland Institute for Emergency Medicine Service) possesses skilled Guardsmen. illus Natl Guard 34:8-10 Aug '80

Ohio firefighters: Soaking the subject. PFC Frank Douglas. illus Natl Guard 34:16-17 Jun '80

Operation Snow Blow. Capt Alexander M. Lindsay. illus USA Avn Dig 26:42-44 Jan '80

Prison riot! New Mexico Guard picks up pieces. illus Natl Guard 34:20-23 Mar '80

Progress in training, readiness, manning. MajGen Emmett H. Walker, Jr. illus Army 30:150-155 Oct '80

Puerto Rico Army Guard provides the (bilingual) link (for Cuban refugees). Pamela A. Kane. illus Natl Guard 34:20-23 Jul '80

RCCC (Reserve Component Coordination Council): Readiness is its business. Capt Art House. illus Soldiers 35:37-39 Jan '80

Realistic (transportation) training for (Army and Navy) Reservists (COLTT (Combined Operations Logistic Transportation Training) Exercise). Clyde Hall and others. illus Officer 56:17 Nov '80

Roundout: Linking active & Reserve. (5th Infantry Div, Fort Polk, LA, and 95 members of Louisiana Army National Guard participate in Reforger 1978 and other units of same participate in Gopher Broke VIII) Helen Kay Ellsworth. illus Soldiers 35:11-13 Apr '80

SMP--Simultaneous Membership Program: Developing the Army National Guard leadership potential. SP4 Virginia Garzilli. illus tab Natl Guard 34:8-11 Mar '80

Storms devastate three states and Guard clears aftermath. illus Natl Guard 34:12-13 Jul '80

Utah Cobras. Maj Reece Stein and SSgt Tom Wharton. illus Natl Guard 34:26-28 Apr '80

The wait wears thin. (National Guard and Cuban refugees at Fort Chaffee, AR) illus Natl Guard 34: 11-13 Aug '80

When the rains came (in southern California) ... SP5 Harry Williams. illus Soldiers 35:52 Aug '80

Directories

National Guard units. Army 30:220-222 Oct '80

NATIONAL GUARD - ContinuedArmy - Cont'dHistory

Bill Mauldin (views the National Guard as a viable fighting force ... some 40 years later). Pamela A. Kane. illus Natl Guard 34:20-22 Nov '80

Mobilization 1940: The big one. Col W.D. McGlasson illus Natl Guard 34:10-23 Sep '80

Mobilization of a rifle company--the callup in a small Ohio town (Kenton, OH, 1940). V. Keith Fleming. illus map Natl Guard 34:26-30 Sep '80

When General Dick took a look at the Dick Act. MajGen Charles Dick. (Reprinted from National Guard Magazine, January 1910) illus Natl Guard 34:22-25+ Jan-Feb '80

NATIONAL GUARD ASSOCIATION

(Highlights of) NGAUS Conclave '80 (Las Vegas, NV, Sep 22-24, 1980). illus Air Reservist 33:17 Nov '80

The (NGAUS) 1980 Red Book. illus Natl Guard 34: 8-11 Apr '80

102d (NGAUS) General Conference (Las Vegas, Sep 22-24, 1980): Manning, modernization, mobilization seen as key elements in readiness of total force. illus Natl Guard 34:10-16+ Dec '80

State-Federal connection. (Report on 101st General Conference, National Guard Assoc, Cleveland, Oct 8-10, 1979) illus Natl Guard 33:7-26+ Dec '79

Total force policy at critical point. (NGAUS 1981 Position Statement) illus Natl Guard 34:8-9+ Dec '80

NATIONAL MARITIME COUNCIL

Shipbuilding, the SCA (Shipbuilders Council of America), and the status quo. (Interview with Edwin M. Hood) illus Sea Power 23:25-31 Jan '80

NATIONAL MILITARY COMMAND SYSTEMSee also

Worldwide Military Command and Control System

NATIONAL OCEAN SURVEY

The National Ocean Survey--planning for the future. RADM Herbert R. Lippold, Jr. illus chart Mil Engr 72:25-29 Jan-Feb '80

NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATIONSee also

National Ocean Survey

Directories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1980. illus US Nav Inst Proc 106:185-211 May '80

NATIONAL POLICYAustria

Area defence--Austria's security. Otto Roesch. illus tab NATO's Fifteen Nations 25:43-44+ Jun-Jul '80

Canada

Defense strategy and military estrangement. Maj John Hasek. AU Rev 31:93-96 Sep-Oct '80

Finland

Will of the nation: Finland's defence policy. Lasse Aikäs. illus tab NATO's Fifteen Nations 25:31-33 Jun-Jul '80

Italy

Italy's contribution to the defence of the Western World. Frederick Bonnart. illus NATO's Fifteen Nations 24:45-47 Dec '79-Jan '80

Japan

Disquiet in the Far East. (Trench Gascoigne Prize Essay) I.P.S.G. Cosby. tab chart RUSI J for Def Studies 125:44-51 Sep '80

Sweden

Independence and self-determination (for Sweden). Eric Kronmark. illus tab NATO's Fifteen Nations 25:24-25+ Jun-Jul '80

United States

Appeasement policies have not reaped rewards of peace and cooperation. (Remarks, Army Section, ROA National Council, Washington, Feb 1980) Rep Floyd D. Spence. illus Officer 56:14-16 May '80

Military force and national policy. CDR Robert C. Powers. illus tabs Mil Engr 72:158-162 May-Jun '80

Military power and national security. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 18 '80

NSC 68: A reappraisal. Joseph M. Siracusa. illus Nav War Col Rev 33:4-14 Nov-Dec '80

The national purpose. Norman A. Graebner. illus Parameters 10:10-19 Mar '80

The national space policy. (Presentation, Subcommittee on Space Science and Applications of the House Committee on Science and Technology, Washington, July 24, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Sep '80

National unity resource of value. (Keynote address, Army Section ROA, Washington, Feb 21, 1980) Gen Edward C. Meyer. illus Officer 56:14-15 Apr '80

NATIONAL POWER

AFA Convention address. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Nov '80

The dangerous decade. (Presentation, Commonwealth Club Luncheon, San Francisco, Jan 18, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Jun '80

NATIONAL POWER - Continued

Facing up to change. (Presentation, Antelope Valley Board of Trade, Lancaster, CA, Aug 22, 1980)
Gen Alton D.Slay. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Oct '80

Political sufficiency of nuclear forces. LtCol Robert W.Chandler. illus AU Rev 31:61-69 Sep-Oct '80

Status of our strength and will. (Presentation, Dining-Out, Wright-Patterson AFB, OH, Sep 13, 1980) LtGen Richard E.Merkling. AF Plcy Ltr For Comdrs: Sup, pp 16-21, Nov '80

NATIONAL RANGE DIVISION

Kwajalein Missile Range--a national asset. LtCol Martin G.Olson. illus Air Def Mag, pp 30-35, Jul-Sep '80

NATIONAL RESEARCH COUNCIL

Telecommunications-computer applications activities of the National Research Council. R.V.Mrozinski. Signal 34:87+ May-Jun '80

NATIONAL SCIENCE FOUNDATION

The death of venture capital. D.G.Soergel. Govt Exec 12:23-24 Aug '80

NATIONAL SECURITY see Security, NationalNATIONAL SECURITY COUNCIL

Departure from incrementalism in U.S. strategic planning: The origins of NSC-68. Sam Postbrief. illus Nav War Col Rev 33:34-57 Mar-Apr '80

NSC 68: A reappraisal. Joseph M.Siracusa. illus Nav War Col Rev 33:4-14 Nov-Dec '80

Organizing for national security. Philip A.Odeen. Intl Sec 5:111-129 Summer '80

NATIONAL SERVICEUnited States

How to sharpen Uncle Sam's defense sword, increase home-front human services, shrink the government, cut taxes, reduce the budget, and get America off its apathy. Armed Forces J Intl 118:99-100 Nov '80

Military manpower in the 1980's: Issues and choices. Martin Binkin. Intl Sec Rev 5:347-374 Fall '80

National service plan proposed. AF Times 41:22 Sep 1 '80

NATIONAL TRANSPORTATION SAFETY BOARD

FAA (Federal Aviation Administration)/NTSB (National Transportation Safety Board) participation in military investigations. TIG Brief 32:17 May 16 '80

NATIONALISM

African militaries as foreign policy actors. Henry Bienen. Intl Sec 5:168-186 Fall '80

NATIONALISM - Continued

Potential of internal conflict in Israel. Col Jay C. Mumford. Nav War Col Rev 33:74-83 Jul-Aug '80

Yugoslav security after Tito. Phillip A.Karber and Jon L.Lellenberg. illus Strat Rev 8:44-58 Spring '80

Yugoslavia--one of the neutrals? Norah Beloff. illus tab NATO's Fifteen Nations 25:50-52 Jun-Jul '80

NATURAL RESOURCESSee alsoMinerals

Next: A resource war? U.S. dependency on raw material imports cited. Warren P.Baker. tab maps Sea Power 23:55-56+ Oct '80

Japan

Japan's security situation: An assessment. P.Lewis Young. illus tabs Asian Def J pt 1, Japan in a wider world. No.2:24-26+ Mar-Apr '80; pt 2, Changing realities in Japan, 1945-1952. No.3: 12-14+ May-Jun '80

United States

U.S. strategic mineral crunch sparks Hill interest. Deborah M.Kyle. Armed Forces J Intl 117:14 Jun '80

NAVAL ACADEMY, ANNAPOLIS, MD

Degrees of naval warfare. CAPT L.Dale Smith, Ret. illus US Nav Inst Proc 106:28-33 Dec '80

NAVAL AIR SYSTEMS COMMAND

Navy completes first flight tests on Arapaho--sea trials scheduled 'later this year.' James J.Mulquin. illus Sea Power 23:31-33 Nov '80

NAVAL ART AND SCIENCE see Military Art and ScienceNAVAL AVIATIONFrance

Protection of nuclear strategic forces. Germain Chambost. illus tab Interavia 35:36-37 Jan '80

Germany (Federal Republic)

Defence of the North Sea and Baltic. Udo Philipp. illus Interavia 35:40-41 Jan '80

Tactical air power considerations in the Northern Region. LtGen J.Brodersen. illus tabs NATO's Fifteen Nations Special Issue No.2:24-27 '79

Great Britain

HMS Invincible accepted into the Royal Navy. Col Norman L.Dodd. illus Asian Def J No.3:130-131 May-Jun '80

Sea Harrier status report. Paul Maurice. illus Intl Def Rev 13, No.6:865-866 '80

India

The Indian Navy gets its Sea Harrier. Pushpinder Singh. illus Asian Def J No.2:39+ Mar-Apr '80

NAVAL AVIATION - ContinuedItalyExhibitions

3d Nostra Navale Italiana: A strong air component.
Yves Robins. illus Aerosp Intl 16:33-34 Jul-Aug '80

MexicoHistory

Mexican Naval Aviation (1917-1979). Santiago Flores Ruiz. illus Am Avn Hist Soc J 25:181-186 Fall '80

United States

Coaching the fighters. Barrett Tillman. illus US Nav Inst Proc 106:39-45 Jan '80

F/A-18 Hornet--one aircraft, one man, multiple missions. Charles Gilson. illus Intl Def Rev 13, No.2:211-218 '80

Naval Aviation flies into the future. ADM James L. Holloway III. illus tab Sea Power 23:17-20 Jul '80

Navy's five year aircraft plan defers 55% of 1,212-plane buy to last two years. illus tab Armed Forces J Intl 117:41-43 Apr '80

The right aircraft at the wrong time? E. E. Mouton. illus US Nav Inst Proc 106:106-109 Sep '80

Safeguarding the Western Atlantic and the Pacific Coast. Ramon Lopez. illus tab Interavia 35:30-33 Jan '80

Thinking about the future of the Navy. ADM Stansfield Turner, Ret. illus US Nav Inst Proc 106:66-69 Aug '80

(Trainer aircraft for the Navy) Jay Miller. illus AF Times 41:28 Oct 20 '80

The U.S. Navy: Naval aircraft. Norman Polmar. tab illus US Nav Inst Proc pt 1, 106:121-123 Sep '80; pt 2, 106:119-121 Nov '80; pt 3, 106:113-114 Dec '80

(VTXTS, Navy Trainer Experimental Training System) Jay Miller. illus AF Times 41:26 Nov 17 '80

VTX-TS: Will the U.S. Navy change the way pilots train? illus Def & For Aff 8, No. 7:28-31 '80

History

North to Alaska. (Alaskan aerial survey expedition, 1928) ADM Arthur W. Radford, Ret. illus US Nav Inst Proc 106:78-83 Sep '80

Nuclear Neptunes: Early days of Composite Squadrons 5 & 6. Chuck Hansen. illus Am Avn Hist Soc J 24:262-268 Winter '79

United States aviation units aboard fast battleships in World War II: Changing missions in midstream. Malcolm Muir, Jr. illus Aerosp Hist 27:95-100 Jun '80

United States Naval Aviation history--a guide to the sources. William J. Armstrong. illus Aerosp Hist 27:109-112 Jun '80

Welcome aboard, Air Force. Maj Douglas K. Evans, Ret. illus AF Mag 63:85-89 Jun '80

NAVAL BASESSee also

Forward Bases

NAVAL BASES, AMERICANCuba

Disquiet on the Bay: Americans on Guantanamo Bay watch as Cubans protest their presence. Manila Clough. illus AF Times 40:39-40 Jul 7 '80

Indian Ocean Region

Diego buildup seen for Indian Ocean force. L. Edgar Prina. Sea Power 23:39-40 Feb '80

NAVAL BASES, RUSSIANKola

Svalbard: Flashpoint of the far North? Thomas Ries. illus maps Intl Def Rev 13, No.3:335-339 '80

NAVAL ELECTRONIC SYSTEMS COMMAND

(Major Naval Electronic Systems Command R&D programs) RADM Henry Duff Arnold. illus tabs Mil Elect/Countermeasures 6:14+ Nov '80

NAVAL FACILITIES ENGINEERING COMMAND

Cogeneration plants: Expedient energy conservation. Fritz E. Hein. illus tab Mil Engr 72:100-103 Mar-Apr '80

Testing the Navy's professional and managerial skills. RADM Donald G. Iselin. illus chart Mil Engr 72:9-13 Jan-Feb '80

NAVAL LIFE see Military LifeNAVAL MATERIAL COMMANDSee also

Naval Air Systems Command
Naval Electronic Systems Command
Naval Facilities Engineering Command

(Navy's hardware prospects--and problems) Interview. ADM Alfred J. Whittle, Jr. illus tabs Sea Power 23:24+ Apr '80

NAVAL OCEAN SYSTEMS CENTER

Navy (Naval Ocean Systems Center's) Microelectronics Laboratory sparks IC advances. John D. Shea. illus Def Elect 12:71-72+ May '80

NAVAL POSTGRADUATE SCHOOL

Degrees of naval warfare. CAPT L. Dale Smith, Ret. illus US Nav Inst Proc 106:28-33 Dec '80

Navy postgraduate education: Keeping pace with advancing EW technology. CDR R. A. Persell, Jr. illus tab Signal 34:27-29 Apr '80

NAVAL RESEARCH LABORATORY

Solid-state radar switchboard (for ships). Paul Thiebaud and David C. Cross. illus Mil Elect/Countermeasures 6:44+ Jul '80

NAVAL STATIONS see Naval BasesNAVAL WAR COLLEGE

The Naval War College and the origins of war-planning against Japan. Michael Vlahos. illus Nav War Col Rev 33:23-41 Jul-Aug '80

NAVAL WARFARE

Artillery in naval action. Capt P. Sokolnikov. illus Soviet Mil Rev No. 5:38-40 May '80

Electronic warfare in naval operations. Mario De Arcangelis. illus Armada Intl 4:40-42+ Mar-Apr '80

Is Mahan still valid? Thomas H. Etzold. illus US Nav Inst Proc 106:38-43 Aug '80

The making of a Navy. RAdm E. F. Gueritz. Islamic Def Rev 5, No. 2:20-24 '80

Maneuver in naval warfare. CDR Linton Wells II. illus tabs US Nav Inst Proc 106:34-41 Dec '80

Navy electronic warfare and counter C³ programs. RADM A. A. Gallotta, Jr. illus Signal 35:19-22 Oct '80

Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80

1980 Soviet strategy for war at sea. William J. Ruhe. illus Def Elect 12:43-44+ Jul '80

The prevention of preemptive attack. CAPT Frank Andrews, Ret. illus US Nav Inst Proc 106:126-139 May '80

Small is great--FACs (Fast Attack Craft) in modern naval warfare. illus Armada Intl 4:28-30+ Mar-Apr '80

Tactical nuclear weapons: The forgotten facet of naval warfare. CAPT Linton F. Brooks. illus US Nav Inst Proc 106:28-33 Jan '80

The U.S. Navy and War Plan Orange, 1933-1940: Making necessity a virtue. Michael K. Doyle. illus Nav War Col Rev 33:49-63 May-Jun '80

Study and Teaching

Degrees of naval warfare. CAPT L. Dale Smith, Ret. illus US Nav Inst Proc 106:28-33 Dec '80

Preparing for a cruise. Capt V. Baranov. illus Soviet Mil Rev No. 10:37-38 Oct '80

NAVAL YARDS see Naval BasesNAVIGATION

See also specific types of navigation, e. g., Radar Navigation

ADF (Automatic Direction Finding) magnetic bearing rendezvous. Capt Tom R. Konecny. illus tabs Navigator 27:24-26 Summer '80

Airmen's navigation skill. Lt-Gen V. Bulanov. Soviet Mil Rev No. 3:18-19 Mar '80

FB-111 emergency bombing. Capt Bradley L. Moffett. illus Navigator 27:24-26 Winter '80

NAVIGATION - Continued

The Institute of Navigation Superior Achievement Award (presented to Capt Terry N. Mayer). illus Navigator 27:10-11 Winter '80

Navigation in narrows. Capt V. Baranov. illus Soviet Mil Rev No. 7:24-25 Jul '80

The programmable calculator as a navigational tool. LtCol Frank T. Haloostock. illus Navigator 27:23-27 Spring '80

Vertical navigation during the enroute descent. Capt Jay M. Miranda. illus Combat Crew 30:14-15 Oct '80

Wind circle airdrops--a different approach. Maj Jay A. Weiss. illus tab Navigator 27:8-9 Spring '80

History

The nav heritage--the KC-97L. LtCol Thomas P. Beal. illus Navigator 27:15-19 Winter '80

NAVIGATION, AIR

Radar--a primer for pilots and engineers. Maj James G. Gibson II. illus MAC Flyer 27:20-22 Mar '80

NAVIGATION, CELESTIAL

Celestial acceleration errors. Capt Michael J. Sieverding. illus Navigator 27:27-29 Winter '80

Omega and INS (Inertial Navigation System) precomps. Capt Glon S. Turner. illus Navigator 27:13-15 Spring '80

Shirt-sleeve celestial. Capts Doyle H. Gambrell, Jr and Monty S. Hoffsommer. illus Navigator 27:18-19 Summer '80

NAVIGATION, INERTIAL

FILS (Ferranti Inertial Land Surveyor): Position, height, and bearing in real time. Stefan Geisenheyner. illus Def Elect 12:51-53 Jun '80

Improving aircraft navigation through shared technology. Burrell W. Hays. illus Def Mgt J 16:35-37 First Quarter '80

Omega and INS (Inertial Navigation System) precomps. Capt Glon S. Turner. illus Navigator 27:13-15 Spring '80

NAVIGATION INSTRUMENTS

Using navigational aids. Capt A. Lavrentyev. illus Soviet Mil Rev No. 4:42-43 Apr '80

NAVIGATION SYSTEMSSee also

Omega
Tacan

Defensive flying. Capt Dennis Storck. illus Aerosp Safety 36:8-9 Jun '80

GPS: Global Positioning System--an 18-star navigation constellation. James A. Austin. illus tabs Mil Elect/Countermeasures 6:63-64+ Jun '80

NAVIGATION SYSTEMS - Continued

"Intelligent" missiles for tomorrow. John S. Philipp. illus Asian Def J No.5:20+ Sep-Oct '80

NAVSTAR: A single navigation system for NATO? WgComdr Hugh Coriat. illus NATO's Fifteen Nations 25:32-34+ Feb-Mar '80

RNAV (aRea NAVigation)--the changing environment. Maj Jimmy N. Lane. illus Combat Crew 30:8-9+ Feb '80

Update on the Digital Bomb Nav System (DBNS) for the B-52D. Capt Richard S. Roszak. illus Combat Crew 30:18-19 Jul '80

NAVIGATORS

AFRes study: Navs have best shot at Reserve slots. AF Times 40:11 Jun 2 '80

Career opportunities in SAC Operations Plans. BrigGen Allen K. Rachel and Maj Dennis P. Hynes. illus Navigator 27:22-24 Winter '80

Changes lie ahead for navigators. Len Famiglietti. AF Times 40:2 Jan 21 '80

An extra pair of eyes. Capt Robert F. Paling. illus MAC Flyer 27:4-6 Jan '80

Fact versus perception--the "fightertigator" enters the 80s. Capt Joseph H. Wehrle, Jr. tabs Aerosp Safety 36:4-6 Oct '80

Flying in the electric jet--a navigator's perspective. Capt Michael K. Pomphrey. illus Navigator 27: 20-22 Summer '80

The generals. (Senior navigator and aircraft observer leaders as of June 1, 1980) illus Navigator 27:9-11 Summer '80

High flight to Pakistan. Dallas R. Blevins. illus Navigator 27:27-30 Summer '80

Incidence of complications from coronary angiography in 463 USAF aviators. Mary M. Thomas and others. tabs Aviation, Space & Envmt Med 51:930-936 Sep '80

Nav commanders slowly increasing. AF Times 40:20 Mar 24 '80

Nav shortage severe, situation complex. John Ginovsky. AF Times 41:15 Sep 1 '80

Navigator retention. Capt James R. Moat. illus tabs Navigator 27:5-8 Summer '80

3-year CONUS tours open to o'seas WSOs. John Ginovsky. AF Times 41:2 Nov 3 '80

Education and Training

Instructor Training School (Mather AFB, CA): "Having learned, I am ready to teach." Capt Harry M. Calcutt, Jr. illus Navigator 27:10-12 Spring '80

Navs at Test Pilot School. Capt David K. Wright. illus tabs Navigator 27:5-9 Winter '80

New horizons for flying training. Maj Gene E. Townsend. illus AF Mag 63:36-42 Apr '80

NAVIGATORS - ContinuedEducation and Training - Cont'd

Rated prioritization--setting the record straight. Col Henry Viccellio, Jr. Aerosp Safety 36:20-22 Jun '80

Shirt-sleeve celestial. Cpts Doyle H. Gambrell, Jr and Monty S. Hoffsommer. illus Navigator 27: 18-19 Summer '80

NAVY

See also subdivision under specific subjects, e.g., Appropriations and Expenditures--Navy--U.S.

Law and conflict at sea. LT Roger D. Wiegley. illus Nav War Col Rev 33:68-77 Jan-Feb '80

The making of a Navy. RAdm E. F. Gueritz. Islamic Def Rev 5, No.2:20-24 '80

Canada

Canada's future in NATO. Joel J. Sokolsky. illus US Nav Inst Proc 106:66-73 Jan '80

History

The Royal Canadian Navy's quest for autonomy in the North West Atlantic; 1941-43. Comdr W.G.D. Lund. illus Nav War Col Rev 33:73-92 May-Jun '80

Denmark

The Niels Juel corvette--a lesson in compact design. illus tab Intl Def Rev 13, No.4:502-503 '80

Great Britain

HMS Invincible accepted into the Royal Navy. Col Norman L. Dodd. illus Asian Def J No.3:130-131 May-Jun '80

The Royal Navy. Adm James Eberle. illus US Nav Inst Proc 106:26-31 Aug '80

The Royal Navy 1980. Col N.L. Dodd. illus Asian Def J No.3:114-116+ May-Jun '80

The Royal Navy's Type 22 frigate. R.B. Pengelley. illus tab Intl Def Rev 13, No.1:70-74 '80

Exhibitions

The Royal Navy Equipment Exhibition. illus NATO's Fifteen Nations 24:58-59+ Oct-Nov '79

History

FDR's "big stick." (Proposed naval quarantine of Japan, 1937) John McVickar Haight, Jr. illus US Nav Inst Proc 106:68-73 Jul '80

Lord Louis. Prince Philip, Duke of Edinburgh. illus US Nav Inst Proc 106:26-35 Feb '80

India

The Indian Navy gets its Sea Harrier. Pushpinder Singh. illus Asian Def J No.2:39+ Mar-Apr '80

Israel

Naval aims and strategy of Israel. Capt Imroze Sagar. illus tab Islamic Def Rev 5, No.1:23-25+ '80

NAVY - ContinuedItaly

Monitoring the southern flank. Adm Giovanni Sleiter, Ret. illus Interavia 35:42-43 Jan '80

The spirit and continuity of the Navy. (Address, Italian Naval Academy, 1979) Adm Giovanni Torrisi, trans by Susan Wranik. illus US Nav Inst Proc 106:34-39 Apr '80

Exhibitions

Genoa and Rotterdam--two exhibitions, one theme: Naval power. Felix Müller and Robert Salvy. illus Armada Intl 4:88+ May-Jun '80

Genoa hosts third Italian naval exhibition (Mostra Navale 1980). illus tab Intl Def Rev 13, No.7: 1111-1113 '80

The Italian naval industry: Trends and prospects. Ezio Bonsignore. illus NATO's Fifteen Nations 25: 95-96+ Aug-Sep '80

Italy shows off its naval technology. (3d Italian Navy Exhibition (Mostra Navale Italiana) illus Islamic Def Rev 5, No.2:42-54 '80

Mostra Navale: Italy's naval industry cuts a bella figura and sweeps into the world export market. David Harvey. illus Def & For Aff 8, No.5: 6-8+ '80

Mostra Navale: Italy's strategic power rests firmly on its technology base. David Harvey. illus Def & For Aff 8, No.5:10-11+ '80

The 3d Genoa Naval Show: A preview. Ezio Bonsignore. illus tabs NATO's Fifteen Nations 25: 67-68+ Apr-May '80

Libya

CNR's Wadi-class corvette and its derivatives. R.J.L.Dicker. illus tab Intl Def Rev 13, No.2: 235-238 '80

Malaysia

Watercraft makes first sale to Malaysian Navy. Brian Walters. illus Asian Def J No.6:9 Nov-Dec '80

NATO

An appraisal of the Standing Naval Force Atlantic. LtComdr M.J.Fisher. illus US Nav Inst Proc 106: 107-108 Nov '80

Europe's frigates: Built for NATO, for sale to the world. Manuel Ramirez Babarrus. illus tabs NATO's Fifteen Nations 25:54+ Oct-Nov '80

Ocean control: The "other" nations and alliances. Norman L.Stone. illus tabs Mil Elect/Counter-measures 5:26+ Dec '79

Netherlands

Joint surveillance of northern coastline. Capt Nico van Dam, Ret. illus tab Interavia 35:38-39 Jan '80

The M-class frigate. Capt F. de Blocq van Kuffeler, Ret. illus tab Intl Def Rev 13, No.4:504-506 '80

NAVY - ContinuedNetherlands - Cont'd

The Walrus class--new submarines for the Dutch Navy. Capt F. de Blocq van Kuffeler, Ret. tab illus (Also cutaway) Intl Def Rev 13, No.3:356-358 '80

Exhibitions

Genoa and Rotterdam--two exhibitions, one theme: Naval power. Felix Müller and Robert Salvy. illus Armada Intl 4:88+ May-Jun '80

International Naval Technology Expo 1980 (Rotterdam, June 2-5, 1980). illus Intl Def Rev 13, No.6:923-930 '80

New Zealand

Modernizing the New Zealand Navy. Joseph Fama. Def & For Aff 8:39+ Aug '80

Nigeria

Second Mk 9 corvette for Nigeria. illus tab Intl Def Rev 13, No.5:690 '80

Russia

A breach in the ramparts. (Soviet Navy in the Caribbean) ENS Christopher A.Abel. illus US Nav Inst Proc 106:46-50 Jul '80

The commanding officer's tactical skills. VAdm V. Kruglyakov. illus Soviet Mil Rev No.6:9-12 Jun '80

Critical intelligence issues of the 80s. BrigGen Clyde R.Dean and others. illus Signal 35:9-12+ Oct '80

High-speed ocean vehicles. James D.Hessman. illus Sea Power 23:25-26+ Sep '80

NATO's maritime air defences: Countering the increasing Soviet maritime threat. Douglas Chopping. illus map Interavia 35:27-29 Jan '80

A new trend in Soviet naval developments. Michael MccGwire. illus Intl Def Rev 13, No.5:675-680 '80; Nav War Col Rev 33:3-12 Jul-Aug '80

Pacific Fleet sailors. VAdm V.Sabaneyev. illus Soviet Mil Rev No.8:34-36 Aug '80

The rationale for the development of Soviet seapower. Michael MccGwire. illus map US Nav Inst Proc 106:154-183 May '80

Sixth Fleet update. CDR Brent Baker. illus tabs US Nav Inst Proc 106:52-59 Sep '80

Soviet expansion and control of the sea-lanes. Mickey Edwards. illus US Nav Inst Proc 106:46-51 Sep '80

A Soviet Navy for the nuclear age. CDR Steve F.Kime. illus Parameters 10:58-70 Mar '80

The Soviet Navy in 1979. CAPT William H.J.Manthorpe, Jr, Ret. illus tabs US Nav Inst Proc pt 1, 106:113-119 Apr '80; pt 2, 106:119-123 Jun '80

Soviet ship types. Arthur D.Baker III. illus tabs US Nav Inst Proc pt 1, 106:111-117 Nov '80; pt 2, 106:115-120 Dec '80

NAVY - Continued

Russia - Cont'd

Soviets take lead in surface nukes. L. Edgar Prina. Sea Power 23:39-40 Jul '80

The state of the Navy. CDR William S. Hoffman. illus US Nav Inst Proc 106:34-39 Sep '80

Theater nuclear encirclement: Soviet SLBM's targeted on Western Europe. Floyd D. Kennedy, Jr. illus Natl Def 64:42-47 Feb '80

Whither the Soviet Navy? CAPT Thomas A. Brooks. illus US Nav Inst Proc 106:103-104 Feb '80

South Africa (Republic)

South Africa's strategic importance: A re-assessment. Christopher Coker. RUSI J for Def Studies 124:22-26 Dec '79

Sweden

The naval defense of Sweden in the 1980s. John B. Hattendorf. illus map tab Nav War Col Rev 33:22-34 Jan-Feb '80

Thailand

The Royal Thai Navy's Ratcharit-class. Enrico delle Capre. illus tabs Asian Def J No.5:83+ Sep-Oct '80

United StatesSee also

Military Sealift Command

also specific fleets, e.g., Fleet, 6th

An alternate Navy shipbuilding program. J. William Middendorf II and John J. Spittler. tabs Sea Power 23:13-18 Mar '80

An application of packet communications techniques to improve the Navy C² process. Thomas Barry Hughes. tabs illus Signal 34:49-54 Feb '80

Boeing offers 707/ECX for TACAMO (Take Charge And Move Out) role. illus tab map Intl Def Rev 13, No.5:688-689 '80

Confronting the Navy's manpower dilemma. Bernard Rimland and Gerald E. Larson. illus tabs Def Mgt J 16:30-34 First Quarter '80

Crucial Navy mandates adopted at (ROA) National Council meeting cited. RADM John B. Johnson. Officer 56:17 May '80

A fleet for the year 2000: Future force structure. F.J. West, Jr. illus tabs US Nav Inst Proc 106:66-81 May '80

The future of U.S. sea power. ADM Thomas B. Hayward. (Reprinted from United States Naval Institute Proceedings, May 1979) illus Asian Def J No.5:124-127 Sep-Oct '80

High-speed ocean vehicles. James D. Hessman. illus Sea Power 23:25-26+ Sep '80

Improving weapons in the fleet. Robert J. Massey and others. Def Sys Mgt Rev 3:97-104 Spring '80

NAVY - Continued

United States - Cont'd

Looking to the long run. (Navy's Long Range Planning Group) CDR Gordon G. Riggle. illus US Nav Inst Proc 106:60-65 Sep '80

Military effectiveness of Navy men during and after Vietnam. Anne Hoiberg. tabs Armed Forces & Soc 6:232-246 Winter '80

(Naval electronic warfare) Interview. RADM Albert A. Gallotta. illus Mil Elect/Countermeasures 6:16+ Feb '80

Naval operations in the Middle East. VADM Gerald E. Miller, Ret. illus Islamic Def Rev 5, No.1:10-13+ '80

Navy asks OSD support to re-activate four Iowa-class battleships. illus Armed Forces J Intl 117:48 Apr '80

Navy: Can the deeds match the words? Interview. Edward Hidalgo. illus Govt Exec 12:12+ Jan '80

Navy completes first flight tests on Arapaho--sea trials scheduled 'later this year.' James J. Mulquin. illus Sea Power 23:31-33 Nov '80

Navy: Maintaining maritime superiority. illus Defense/80, pp 5-7, Apr '80

Navy's automated information office: Answers in seconds, not months. illus Govt Exec 12:49-50 Feb '80

The Navy's RDT&E program. Norman Friedman. illus Sea Power 23:48-50+ Apr '80

Needed: An 'All-Oceans' Naval Alliance and 'a peacetime constabulary of the seas.' Ray S. Cline. map illus Sea Power 23:39-40+ Apr '80

A new course for the U.S. Navy? Can a smaller fleet handle a bigger job? Benjamin F. Schemmer. illus tabs Armed Forces J Intl 117:30-33+ Apr '80

New shipbuilding and aircraft cuts mandated in FY 1982 budget plan. L. Edgar Prina. illus Sea Power 23:15-16 Aug '80

Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80

The 1979 defense year in review. L. Edgar Prina. illus Sea Power 22:30+ Dec '79

Ocean control: Economics, exchange ratios and sea control. Norman L. Stone. tabs Mil Elect/Countermeasures 6:28+ Feb '80

Planning for the Navy of the 1980s. VADM M. Staser Holcomb. illus tabs US Nav Inst Proc 106:40-45 Sep '80

Ready for what? LCDR Bernard D. Cole. illus US Nav Inst Proc 106:38-40 Jun '80

Rock bottom = maximum number: (Rep) Tribble provides 'sneak preview' of SCN (Shipbuilding and Conversion, Navy) prospects. Col Warren P. Baker, Ret. illus Sea Power 23:27-28 Feb '80

SSNs: Stalking the Soviet nukes. CAPT Joseph F. Callo. illus Sea Power 22:16-18+ Dec '79

NAVY - ContinuedUnited States - Cont'd

Safeguarding the Western Atlantic and the Pacific Coast. Ramon Lopez. illus tab Interavia 35:30-33 Jan '80

Sea services. Regular feature in issues of National Defense

Shock forces. CDR Robert C. Powers. illus US Nav Inst Proc 106:70-71 Jun '80

The state of the Navy. CDR William S. Hoffman. illus US Nav Inst Proc 106:34-39 Sep '80

Surface fleet takes precedence in new five-year program. L. Edgar Prina. illus Sea Power 23:29-32 Mar '80

Technology, ASW, and the Coast Guard. LCDR Bruce B. Stubbs and LT Richard R. Kelly. illus US Nav Inst Proc 106:29-35 Oct '80

Testing the Navy's professional and managerial skills. RADM Donald G. Iselin. illus chart Mil Engr 72:9-13 Jan-Feb '80

Thinking about the future of the Navy. ADM Stansfield Turner, Ret. illus US Nav Inst Proc 106:66-69 Aug '80

Tomorrow's fleet. CDR John D. Alden, Ret. illus tabs US Nav Inst Proc 106:117-126 Jan '80

Trident: New meaning in an ancient symbol. Charles N. Dragonette. illus Sea Power 22:25+ Dec '79

The United States naval shipbuilding programmes--1979. Richard F. Cross III. illus RUSI J for Def Studies 125:78-82 Sep '80

(The U.S. Navy) Interview. ADM Thomas B. Hayward. illus Armed Forces J Intl 117:49-50+ Apr '80

The U.S. Navy: Frigates. Norman Polmar. illus tab US Nav Inst Proc 106:118-119 Jul '80

The U.S. Navy in transition. Raymond T. Tate. Signal 34:33-35 Apr '80

Why Navy wants 50% more combat muscle. Interview. ADM Thomas B. Hayward. tabs Govt Exec 12:16+ Aug '80

History

The effectiveness of the "Washington Treaty" Navy. Thomas C. Hone. illus tabs Nav War Col Rev 32:35-59 Nov-Dec '79

FDR's "big stick." (Proposed naval quarantine of Japan, 1937) John McVickar Haight, Jr. illus US Nav Inst Proc 106:68-73 Jul '80

Managerial style in the interwar Navy: A reappraisal. Thomas C. Hone and Mark David Mandeles. Nav War Col Rev 33:88-101 Sep-Oct '80

The other Mississippi. Mid Michael Moore. illus US Nav Inst Proc 106:54-57 Feb '80

United States aviation units aboard fast battleships in World War II: Changing missions in midstream. Malcolm Muir, Jr. illus Aerosp Hist 27:95-100 Jun '80

NAVY - ContinuedUnited States - Cont'dHistory - Cont'd

United States Naval Aviation history--a guide to the sources. William J. Armstrong. illus Aerosp Hist 27:109-112 Jun '80

The U.S. Navy and War Plan Orange, 1933-1940: Making necessity a virtue. Michael K. Doyle. illus . Nav War Col Rev 33:49-63 May-Jun '80

William Veazie Pratt as CNO: 17 September 1930-30 June 1933. Craig L. Symonds. illus Nav War Col Rev 33:17-33 Mar-Apr '80

Statistics

Naval forces summary, February 1980. Table only. US Nav Inst Proc 106:232 May '80

Planning for the Navy of the 1980s. VADM M. Staser Holcomb. illus tabs US Nav Inst Proc 106:40-45 Sep '80

NAVY DAY

Navy Day 1979. illus Sea Power 22:45-51 Dec '79

Navy Day 1980. illus Sea Power 23:51-55 Dec '80

NAVY LEAGUE

Navy League 78th Convention, Washington, Apr 7-10, 1980. illus Sea Power 23:24-36 Jun '80

The 1980 NLUS declaration of principles and objectives (as adopted at the National Convention, Washington, April 10, 1980). illus Sea Power 23:16-19 May '80

NEGOTIATION

Financial management and labor negotiations--should the twain meet? E. R. Nordtvedt. tab Armed Forces Compt 25:23-25+ May '80

NEGROES IN THE ARMED FORCES see Blacks in the Armed ForcesNEMIROW, Samuel B.

MarAd Chief discusses U.S.-flag problems, prospects, and pending legislation. Interview. Samuel B. Nemirow. por Sea Power 23:37-44 May '80

The Merchant Marine: What can we count on? Samuel B. Nemirow. por Defense/80, pp 10-15, Oct '80

NETHERLANDS

The Queen's own. (USAF's 32d TFS has special ties to the Netherlands) Capt Katie Cutler. illus Airman 24:44-48 Nov '80

TMO (Transportation Movements Office) Rotterdam: Small, but efficient. PFC David Osinski. illus Translog 11:10-11 Aug '80

NEUTRALITY

Neutrals--their rights, duties. Don Mace. AF Times 41:17 Oct 13 '80

NEUTRALITY - ContinuedAustria

Area defence--Austria's security. Otto Roesch. illus tab NATO's Fifteen Nations 25:43-44+ Jun-Jul '80

Burma

The threat to Burma's neutrality. Michael Morgan. illus Def & For Aff 8, No. 5:28-29 '80

Finland

Will of the nation; Finland's defence policy. Lasse Aikas. illus tab NATO's Fifteen Nations 25:31-33 Jun-Jul '80

Sweden

Independence and self-determination (for Sweden). Eric Krönmark. illus tab NATO's Fifteen Nations 25:24-25+ Jun-Jul '80

Switzerland

The militia forces of Switzerland. G.A. Chevallaz. illus tab NATO's Fifteen Nations 25:18+ Jun-Jul '80

Yugoslavia

Yugoslavia--one of the neutrals? Norah Beloff. illus tab NATO's Fifteen Nations 25:50-52 Jun-Jul '80

NEUTRON BOMB

French nuclear weapons choices for the next twenty years. Germain Chambost. Intl Def Rev 13, No. 7: 982 '80

NEWMAN, Aubrey S.

Book needed on Chiefs of Staff. MajGen A.S. Newman. por Army 30:63-65 Jun '80

Loneliness is part of the job. MajGen A.S. Newman. Army 30:63-64 Apr '80

NEWS MEDIA

"... and that's the way it is?" The military & the media. MajGen Jerry R. Curry. illus Defense/80, pp 19-24, Jun '80

Democrats, Republicans, and the defense budget: 1969-1980. Lawrence J. Korb. illus tabs Sea Power 23:34-38 Oct '80

Excerpts from Governor Reagan's speech on Stealth leaks (Jacksonville, FL, Sep 4, 1980). SecDef Brown's rejoinder. Armed Forces J Intl 118:72 Oct '80

Journal testimony on Stealth leaks before the House Armed Services Investigating Subcommittee. illus Armed Forces J Intl 118:11+ Oct '80

The love-hate affair between the Pentagon and the press. Lloyd Norman. illus Army 30:14-20 Feb '80

'Mum' still the word on nukes. AF Times 41:16 Oct 27 '80

Ocean control; Missile systems in the Soviet press. Norman L. Stone. illus map Mil Elect/Counter-measures 6:39-40+ Oct '80

NEWS MEDIA - Continued

Partisan politics and the Pentagon. Bruce Callander. illus AF Times 41:20+ Sep 15 '80

President Carter's comments on Stealth leaks. (Informal remarks to reporters, Perth Amboy, NJ, Sep 9, 1980) Armed Forces J Intl 118:73 Oct '80

Sec Brown under oath on 'Stealth.' Martha Lynn Craver. illus AF Times 41:3 Sep 15 '80

Statement by Dr William J. Perry, House Armed Services Investigating Subcommittee, 4 September 1980. illus Armed Forces J Intl 118:22+ Oct '80

Statement of Defense Secretary Harold Brown (on Stealth technology). illus Armed Forces J Intl 118:23 Oct '80

TV on 'Nam: How big an impact? Bruce Callander. AF Times 40:20+ Jul 14 '80

When our leaders deal with the media. BrigGen H.J. Dalton, Jr, Ret. TIG Brief 32:2 Sep 12 '80

NEWSPAPERS

What so proudly she hails. (Le Killgore uses her past experiences, including those as an AF wife, to help her as a newspaper reporter in San Angelo, TX) Sgt Craig Pugh. illus Airman 24:17-20 Nov '80

History

Army Times at 40-year mark (serving soldiers since Aug 17, 1940). illus AF Times 41:29-32 Aug 18 '80

NICARAGUA

The fall of Somoza: Anatomy of a revolution. Robin Navarro Montgomery. illus Parameters 10:47-57 Mar '80

The Lake Nicaragua naval base scheme. LCDR Daniel H. Wicks, Ret. illus map US Nav Inst Proc 106: 56-60 Aug '80

Foreign RelationsUnited States

The fall of Somoza: Anatomy of a revolution. Robin Navarro Montgomery. illus Parameters 10:47-57 Mar '80

NIGHT FIGHTING

Advances in target acquisition and missile guidance. John S. Phillip. illus Asian Def J No. 3:56+ May-Jun '80

Dangerous midnight--delay, confusion on road to a night tank killer. David Harvey. illus Def & For Aff 8:12-15+ Nov '80

Night games in NATO. Lt-Col M.G. Tweed. illus NATO's Fifteen Nations Special Issue No. 1: 136+ '80

Equipment

Eyes for the Navy? CDR Harold M. Olson. illus US Nav Inst Proc 106:113-115 Jul '80

Fight against the night. SSgt Jim Boersema. illus Soldiers 35:18-21 Aug '80

NIGHT FIGHTING - ContinuedEquipment - Cont'd

The Milan night sight. illus tab Intl Def Rev 13, No.2:256 '80

Night vision devices. illus Mil Rev 60:84-85 Jan '80

NIGHT FLYING

Dangerous midnight--delay, confusion on road to a night tank killer. David Harvey. illus Def & For Aff 8:12-15+ Nov '80

A human performance/workload evaluation of the AN/PVS-5 bifocal night vision goggles. Lewis W. Stone and others. illus tabs Aviation, Space & Envmt Med 51:797-804 Aug '80

Night vision. CW2 Robert L.Portman. illus MAC Flyer 27:6-7 Apr '80

Red lights can mean trouble. Silas G. Garrett. illus tabs USA Avn Dig 26:41-43 Sep '80

Visibility, safety and you. MSgt Frederick N. Rottet. illus Aerosp Safety 36:10-11 May '80

Study and Teaching

Go lost wingman. Capt Craig Lamkin. illus TAC Attack 20:14-15 Jan '80

NOISE

Combined effects of broadband noise and complex waveform vibration on cognitive performance. C.Stanley Harris and Richard W.Shoenberger. illus tabs Aviation, Space & Envmt Med 51:1-5 Jan '80

Identification of the minimum noise level capable of producing an asymptotic temporary threshold shift. Mark R.Stephenson and others. tabs Aviation, Space & Envmt Med 51:391-396 Apr '80

Noise-induced hearing loss and vestibular dysfunction. W.J.Oosterveld and others. tabs Aviation, Space & Envmt Med 51:823-826 Aug '80

Return of the American SST. Walter B. Hendrickson, Jr. illus tab Natl Def 65:32-33 Dec '80

NONAPPROPRIATED FUNDS

GAO is critical of rec facilities. AF Times 41:46 Sep 29 '80

NONCOMMISSIONED OFFICERSAir Force--Saudi Arabia

New Saudi NCOs getting taste of life in America (at Lackland AFB, TX). AF Times 41:8 Oct 27 '80

Air Force--U. S.

Advice to losers--2 out of 5 NCOs seeking E-8 this year made it. Bruce Callander. AF Times 40:6 Jun 23 '80

Airmen of the Year. illus AF Times 40:6 Jun 30 '80

NONCOMMISSIONED OFFICERS - ContinuedAir Force--U. S. - Cont'd

Another E-9 group (chief master sergeants) to stay on up to 33 years. Bruce Callander. AF Times 41:7 Sep 1 '80

A commitment to excellence. (AF's Outstanding Airmen for 1979) Capt Dick Sheffield. illus Airman 24:8-12 Jan '80

E-6, 7: Test scores the difference. Bruce Callander. AF Times 40:4 Jul 7 '80

8768 NCOs due hikes Sep 1st. Pat Dalton. AF Times 41:3 Aug 25 '80

Hundreds of NCOs being asked to stay. Bruce Callander. AF Times 40:1+ Mar 17 '80

Hundreds of NCOs get to stay on. Bruce Callander. AF Times 40:1+ Jul 14 '80

If degrees carried points ... Bruce Callander. AF Times 40:4+ Jan 28 '80

The McCoy who's real. (CMSAF James M. McCoy) SMSgt Dave Sheeder. illus Airman 24:17-22 May '80

More EM will retrain in lower NCO grades. AF Times 41:1+ Dec 22 '80

NCO hikes: Quotas down, but ahead of schedule. illus AF Times 41:24 Sep 29 '80

NCO promotion cycle still ahead of schedule. Pat Dalton. AF Times 41:3 Nov 3 '80

9-level test on way out. AF Times 40:8 Mar 17 '80

One in 5 bucking for E-5 made it, statistics show. Pat Dalton. AF Times 41:4 Aug 4 '80

Palace Balance letters no cause for panic. Len Famiglietti. AF Times 41:2 Dec 8 '80

13,249 selected for E-5; quotas biggest of year. Bruce Callander. illus AF Times 41:1+ Jul 28 '80

3640 NCOs to get pre-Yule promotion. Pat Dalton. AF Times 41:2 Nov 24 '80

To serve my fellow men in blue. (Interviews with CMSAFs) K. Thuermer. illus Sergeants 18:14-18 Feb '80

Twelve for eighty. (Outstanding Airmen for 1980) Capt Katie Cutler. illus Airman 24:32-39 Dec '80

The 25th anniversary of the Outstanding Airmen program. William P.Schlitz. illus AF Mag 63:82-84 Nov '80

23,000 selected for E-6, E-7. Bruce Callander. AF Times 40:3 Jun 30 '80

Two NCOs defy death; scale 'highest mountain' (Mt Aconcagua, Mendoza, Argentina). Pat Vaughan. illus AF Times 40:16+ Apr 14 '80

What to do about esprit. AF Times 40:37 May 5 '80

Armed Forces--U. S.

BAS will benefit 14,000 single NCOs. AF Times 41:2 Dec 29 '80

NONCOMMISSIONED OFFICERS - ContinuedArmed Forces--U.S. - Cont'd

Service NCOs compared: AF's re-ups best, hikes slowest. Bruce Callander. tab AF Times 41:6 Sep 8 '80

Army--U.S.

Bolstering the backbone. LtCol Thomas B. Vaughn. illus Infantry 70:25-26 May-Jun '80

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

For NCO's: Leadership, hard work and training. SMA William A. Connelly. illus Army 30:21-24 Oct '80

SEERs (Senior Enlisted Evaluation Reports) shape the Army. MSgt Matt Glasgow. Soldiers 35:19 Sep '80

Soldier expectations. Capt Gardner M. Nason. illus Soldiers 35:11-13 Jun '80

Marine Corps--U.S.

Training NCOs to lead. 1stLt W.R. Kellner. tab MarCor Gaz 64:25 Apr '80

Reserve Forces--Air Force--U.S.

Pay and 'erosion of benefits' main concern of top Reserve EM advisor (CMSgt Jack E. Roberts). Pat Dalton. AF Times 40:7 Jul 21 '80

NONCOMMISSIONED OFFICERS ACADEMIES

It's much more than academic. (Professional military education instructors have a challenging job) SMSgt Dick Larsen. illus Airman 24:38-42 Sep '80

License to lead. (Air National Guard trains NCOs and officer candidates at the Professional Military Education Center in Tennessee) Capt Dick Sheffield. illus Airman 24:30-34 Jul '80

NCO Academy develops self awareness. TIG Brief 32:15 Mar 21 '80

PME, little understood, held vital to NCO career. SSgt John V. Steffens. AF Times 40:22 Jun 30 '80

Report: Leadership schools waste \$\$. AF Times 41:30 Dec 15 '80

2 off-duty NCOs plug gap in PME. AF Times 41:42 Sep 15 '80

NONCOMMISSIONED OFFICERS CLUBS see Servicemen's ClubsNONRESIDENT TRAINING see Correspondence Schools and CoursesNORMANDY CAMPAIGN, 1944

Fired upon by our own forces! Hoyt M. Warren, Sr. illus AF Times 41:10 Dec 15 '80

'The greatest martial drama in history': D-Day remembered. Hanson W. Baldwin. illus Army 30: 18-25 Jun '80

NORTH AMERICAN AIR DEFENSE COMMAND

The case for continental air defense. MajGen R. Russell Barber, Ret. illus Parameters 10:20-23 Mar '80

Soviets reject explanation that warning alert failed. AF Times 40:3 Jun 23 '80

NORTH ATLANTIC TREATY ORGANIZATIONSee also

Allied Command Atlantic

Allied Command Europe

NATO Integrated Communications Systems

also subdivision under specific subjects, e.g., Defenses--NATO

Autumn Forge '80. Frederick Bonnard. illus NATO's Fifteen Nations 25:81-82 Oct-Nov '80

Autumn Forge 80: NATO's readiness gameplan. Deborah M. Kyle. illus Armed Forces J Intl 118:30+ Nov '80

The balance in Central Europe: Reflections through the Soviet prism. LtCol Allan A. Myer. illus tabs Nav War Col Rev 33:15-43 Nov-Dec '80

C³/CW in Europe--can NATO get its electrons together? Deborah M. Kyle and Benjamin F. Schemmer. illus tab Armed Forces J Intl 118:24-25+ Sep '80

Can NATO survive Eurocommunism? James P. O'Leary. Intl Sec Rev 5:73-90 Spring '80

Challenges and uncertainty: NATO's southern flank. James Brown. illus AU Rev 31:3-16 May-Jun '80

The "Chinese card" in NATO's deck: S. Guk. Soviet Mil Rev No. 11:48-49 Nov '80

Combined amphibious operations in northern Europe. LtCol Joseph H. Alexander. illus US Nav Inst Proc 106:26-32 Nov '80

Control of the eastern seaways. Derek Wood. illus Interavia 35:44-46 Jan '80

Coronet Bridle: Duluth's 148th Tactical Recon Group deploys to Germany. TSgt Dick Palmer. illus Natl Guard 34:14-16 Apr '80

Defence related economic co-operation and assistance within the Alliance. Rainer W. Rupp. illus tab NATO's Fifteen Nations 25:61-62+ Jun-Jul '80

Does NATO have a future? Walter F. Hahn. Intl Sec Rev 5:151-172 Summer '80

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 63:121-124 Dec '80

Economic stresses in the NATO Alliance. David K. Hall. AEI For Pkcy & Def Rev 2, No. 5:11-14 '80

Exercise Display Determination '79. LtCol J. J. W. Hilgers. illus MarCor Gaz 64:64-73 May '80; Another view. Capt Andrew J. Franklin. 64:16-17 Aug '80

Exercise report: Autumn Forge. illus NATO's Fifteen Nations 24:62-64+ Oct-Nov '79

NORTH ATLANTIC TREATY ORGANIZATION - Continued

- Federal Republic of Germany--25 years in NATO.
Hans Apel. illus NATO's Fifteen Nations 25:18+
Aug-Sep '80
- "Fight outnumbered and win" ... against what odds?
Col Daniel Gans, Ret. illus tabs map Mil Rev pt 1,
60:31-46 Dec '80
- Flaws in I.I.S.S. (International Institute for Strategic
Studies) "Military Balance" cause major problems
for NATO. Justin Galen. tab Armed Forces J Intl
117:16-17+ Dec '79; Rebuttal. Col Jonathan Alford.
117:32+ Feb '80
- GAO raps DOD on NATO (E-3A) deal. Len Famig-
lietti. AF Times 41:26 Aug 18 '80
- Global threats and trans-Atlantic allies. Gregory F.
Treverton. Intl Sec 5:142-158 Fall '80
- Greek foreign policy in the 1980's: Decade for deci-
sion. Michael M.Boll. illus Parameters 10:72-81
Dec '80
- How much is not enough? The non-nuclear air battle
in NATO's Central Region. Maj Charles L. Fox
and LtCol Dino A. Lorenzini. illus tab Nav War
Col Rev 33:58-78 Mar-Apr '80
- Iceland: Unique in NATO. LCDR Robert A. Fliegel.
illus tab US Nav Inst Proc 106:32-37 Aug '80
- The impossible task--defense without relevant strat-
egy. LtCol Wolfgang W.E. Samuel. illus AU Rev
31:15-28 Mar-Apr '80
- In focus. Regular feature in issues of Air Force Mag-
azine
- Is there really a better way to win a war in Europe?
Maj Charles W. Specht. AU Rev 31:74-77; Re-
sponses. William S. Lind. 31:77-79; Russell F.
Weigley. 31:79-80; LtGen Raymond B. Furlong,
Ret. 31:80-81 Nov-Dec '79; Rebuttal: Yes, there
really is a better way to win a war in Europe.
Maj Leslie J. Hamblin. 31:70-72; Responses. Maj
Charles W. Specht and others. 3:73-82 Sep-Oct '80
- Joined hands across the sea. Pamela Kane and 1stLt
Carol Dulin. illus Natl Guard 34:20-27 Oct '80
- Joint surveillance of northern coastline. Capt Nico
van Dam, Ret. illus tab Interavia 35:38-39 Jan '80
- Lasting peace and reliable security for Europe.
V. Yefremov. Soviet Mil Rev No. 7:52-53 Jul '80
- 'Merhaba' Merzifon. MSgt Janet A. Wright. illus Air
Reservist 32:10-11 May '80
- Militarist fumes in NATO. Col V. Katerinich. illus
Soviet Mil Rev No. 9:50-52 Sep '80
- Missile unity: A NATO view. (Interview with G.R.
Jefferson) David Harvey. illus Def & For Aff 8,
No. 3:39-41+ '80
- Monitoring the southern flank. Adm Giovanni Sleiter,
Ret. illus Interavia 35:42-43 Jan '80
- 'Mystery Battalion' moves out (in Exercise Eligible
Receiver II). LtCol Albert G. Folcher, Jr and Maj
Michael A. Andrews. illus Army 30:26-29 Feb '80

NORTH ATLANTIC TREATY ORGANIZATION Continued

- NATO agrees to deploy 572 new long range nucs.
illus Armed Forces J Intl 117:38 Jan '80
- NATO and new missiles. Editorial. Walter F. Hahn.
Strat Rev 8:9-10 Winter '80
- NATO and rationalization, standardization, and inter-
operability. LtCol Glynn E. Parker. illus Army
Log 12:24-27 Mar-Apr '80
- NATO common-funded infrastructure projects. (Ad-
dress, AFCEA NATO Brussels Symposium, Oct
1980) VAdm D.A. Collins, Ret. Signal 35:35-38
Dec '80
- The NATO identification system. Dan Boyle. illus
Interavia 35:201-205 Mar '80
- NATO needs and plans revealed. Richard Hartman.
Def Elect 12:35-36 Feb '80
- NATO, nuclear weapons, and the death of detente.
tabs Def Monitor 9: entire issue Mar '80
- NATO: Past, present and future. Maj Roger M.
Jaroch. illus maps charts MarCor Gaz 64:29-40
Jun '80
- NATO: The lost battalions. Gregory Copley. illus
Def & For Aff 8, No. 2:6-9 '80
- NATO's chemical warfare defense: Improving but in-
adequate. Deborah M. Kyle. illus Armed Forces J
Intl 118:33 Nov '80
- NATO's "first nuclear use": A deepening trap? Fred
Charles Ede. illus Strat Rev 8:18-23 Winter '80
- NATO's land and sea strategies--are they compatible?
Maj George M. Connell. illus MarCor Gaz 64:41-46
Jun '80
- NATO's maritime air defenses: Countering the in-
creasing Soviet maritime threat. Douglas Chop-
ping. illus map Interavia 35:27-29 Jan '80
- NATO's nuclear debate. Michael Morgan. illus Def
& For Aff 8, No. 2:15+ '80
- The North Atlantic Treaty. International Institute for
Strategic Studies. illus tabs map AF Mag 63:75-79+
Dec '80
- The northern flank of NATO. Gen Peter Whiteley.
RUSI J for Def Studies 125:9-13 Mar '80
- Nuclear weapons and NATO. LtCol Alan P. Arm-
strong. illus Mil Rev 60:11-17 May '80
- Polaris successor. (Report of a seminar held at RUSI
in conjunction with British Atlantic Committee,
April 30, 1980) illus RUSI J for Def Studies 125:
16-26 Sep '80
- The Queen's own. (USAF's 32d TFS has special ties
to the Netherlands) Capt Katie Cutler. illus Air-
man 24:44-48 Nov '80
- Reassessing Turkey: A faithful ally disillusioned and
in trouble. Francis P. Butler. map Parameters
10:24-32 Mar '80
- Reconnaissance forces in the Central Reg.on. Brig
Greg Read. illus NATO's Fifteen Nations Special
Issue No. 1:129-130+ '80

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Reinforcing NATO--rapidly. (From remarks to the National Strategic Mobility Conference, Washington, May 28, 1980) Gen W.Y.Smith. illus Defense/80, pp 2-7, Aug '80

The rise of the new Greece. Patrick Murphy. illus Def & For Aff 8:6-9+ Oct '80

Should Spain join NATO? LtComdr Antonio Zea. illus tab Nav War Col Rev 32:78-87 Nov-Dec '79

Some strategic implications of fighting outnumbered on the NATO battlefield. Col William O. Staudenmaier. illus Mil Rev 60:38-50 May '80

Spain and NATO: Problems and prospects. Col F.R. Stevens, Jr. illus AU Rev 31:2-14 Mar-Apr '80

Strategic factors affecting the defence by NATO of Western Europe: A reappraisal. LtCol D.M.O. Miller. RUSI J for Def Studies 125:37-43 Sep '80

Tackling tactics together. (Pilots from central European nations learn to work together at the Tactical Leadership Program, Jever AB, Ger) Capt Katie Cutler. illus Airman 24:43-48 Dec '80

Tactical air power within NATO--a growing convergence of views. Maj Donald J. Alberts. AU Rev 31: 59-70; Responses. Maj Price T. Bingham and LtCol Owen H. Wormser. 31:70-73 Mar-Apr '80

Theatre nuclear force modernisation. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, Feb 12, 1980) RADM E.F. Gueritz. illus RUSI J for Def Studies 125:3-10 Sep '80

The trouble with NATO. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 23 '80; Natl Def 65:38 Oct '80

Turkey--present situation. LtGen Ira C. Eaker, Ret. AF Times 41:21-22 Dec 15 '80

The U.S. Air Force in Europe. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen John W. Pauly. AF Plcy Ltr for Comdrs: Sup No.2:6-13 Feb '80

Updating command and control systems in NATO. Erik Klippenberg. Signal 35:31-33 Dec '80

View from Athens--new efforts to bring Greece back into NATO's military structure. Chris G. Eliou. NATO's Fifteen Nations 25:44 Feb-Mar '80

When turfs overlap: A study of organizations in collision. (U.S. Army intelligence community) MajGen Edward B. Atkeson. illus Army 30:38-43 Nov '80

Foreign Policy

The widening focus: Security problems of the eighties. Rolf Friedemann Pauls. illus NATO's Fifteen Nations 25:18-20+ Oct-Nov '80

Foreign Relations

Canada

Canada's future in NATO. Joel J. Sokolsky. illus US Nav Inst Proc 106:66-73 Jan '80

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Foreign Relations - Cont'd

Germany (Federal Republic)

European security and the German problem. Christoph Bertram. Intl Sec 4:105-116 Winter '79/'80

History

The creation of the North Atlantic Alliance, 1948-1952. Alan K. Henrikson. illus Nav War Col Rev 33:4-39 May-Jun '80

Organization

AGARD--what it is and what it does. J. Burnham. illus NATO's Fifteen Nations 25:57-58 Aug-Sep '80

The Air Forces of NATO. Gen H.F. Gundersen and others. illus NATO's Fifteen Nations Special Issue No.2: entire issue '79

Allied Forces Southern Europe. Harold E. Shear. map illus chart NATO's Fifteen Nations 24:49-52 Dec '79-Jan '80

CNAD and NIAG: The Conference of National Armaments Directors, its inter governmental groups and the NATO Industrial Advisory Group. John C. Stone. illus chart NATO's Fifteen Nations 24:28+ Dec '79-Jan '80

The creation of the North Atlantic Alliance, 1948-1952. Alan K. Henrikson. illus Nav War Col Rev 33:4-39 May-Jun '80

The Iberian Atlantic Area Command. Christian Eliot. illus map NATO's Fifteen Nations 24:68-69 Oct-Nov '79

NAMSA: The NATO Maintenance and Supply Agency--its role in international logistics. Harry S. Spaulding. illus tabs NATO's Fifteen Nations 24:54+ Dec '79-Jan '80

NATO naval armaments co-operation. FAdm Dieter Wellershoff. illus NATO's Fifteen Nations 24: 39-40+ Dec '79-Jan '80

NORTH SEA REGION

Across or along: Soviet amphibious options in North-western Europe. (Is a joint NATO Marine Corps needed?) Alexander K. Maconochie. illus map US Nav Inst Proc 106:46-50 Apr '80

NORWAY

Cold: Friend or foe. (Marines in Norway) RADM Ben Eiseman, Ret and LtCol Carl F. Tidemann. illus tabs MarCor Gaz 64:39-44 Feb '80

NUCLEAR ACCIDENTS see Accidents, Nuclear

NUCLEAR BOMBS

See also

Neutron Bomb

Option Charlie: H-bomb in hands of extremists tests Presidential decision making process in hypothetical crisis. Col John E. Bex. illus Officer 56:28-32+ May '80

NUCLEAR BOMBS - ContinuedEffects

Cleaning up after the bomb: Peacetime perils on a Pacific atoll (Eniwetok). Claudia Nichols. illus AF Times, Times Magazine sup:4-8+ Jun 2 '80

Little peril seen in A-radiation (in soldiers and marines who occupied Hiroshima and Nagasaki after those cities were atom-bombed). AF Times 41:22 Aug 25 '80

Something in the wood works. (AFSC's huge wooden TRESTLE, basis of the ElectroMagnetic Pulse (EMP) test facility) Sgt Craig Pugh. illus Airman 24:25-29 Jan '80

Study says 'Smoky' (1957 'Shot Smoky' nuclear test) cancer rate doubled. AF Times 41:27 Nov 10 '80

NUCLEAR ENERGY PLANTS

Here are entered articles on the facilities and means used in the production of electrical power by use of nuclear energy.

United States

Another show at Seabrook. illus Natl Guard 34:17-18 Aug '80

What if the "what if" syndrome were reversed? The nuclear road to energy independence. Craig Hosmer. illus tab Sea Power 23:31-37 Aug '80

NUCLEAR EXPLOSIONS

An overview of the effects of nuclear weapons on communications capabilities. Capt Michael A. King and Paul B. Fleming. illus tabs map Signal 34:59-60+ Jan '80

NUCLEAR POWER

Nuclear energy in Argentina. Jorge Antonio Aja Espil. AEI For Plcy & Def Rev 1, No.6:5-9 '79

(Nuclear power) (Industrial luncheon address, AFCEA Convention, Washington, June 26, 1980) Rep Richard B. Cheney. illus Signal 34:36-39 Aug '80

The Rickover factor. Maureen Mylander. illus AF Times, Times Magazine sup:12-17 Aug 4 '80

To what ends military power? Robert J. Art. illus tab Intl Sec 4:3-35 Spring '80

Transfer of technology and the fuel cycle. Dalmau Costa. AEI For Plcy & Def Rev 1, No.6:9-15 '79

International Aspects

How the atomic blackmail began. Col A. Yakushevsky. Soviet Mil Rev No.8:47-49 Aug '80

The Islamic bomb. Edgar O'Ballance. illus Natl Def 65:52-55 Dec '80

Nuclear proliferation in the Third World--problems and prospects for the 1980s. Theodor H. Winkler. illus tabs Intl Def Rev 13, No.2:198-204 '80

Polaris successor. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, April 30, 1980) illus RUSI J for Def Studies 125:16-26 Sep '80

NUCLEAR POWER - ContinuedInternational Aspects - Cont'd

Prospects for peace in the nuclear world. Arthur J. Vidich. J Pol & Mil Sociol 8:85-97 Spring '80

Reshaping U.S. regional policy. Francis X. Gannon. AEI For Plcy & Def Rev 1, No.6:21-26 '79

U.S. strategic force requirements in a nuclear-proliferated world. Lewis A. Dunn. illus AU Rev 31:26-33 Jul-Aug '80

Peaceful Applications

Nuclear proliferation in the Third World--problems and prospects for the 1980s. Theodor H. Winkler. illus tabs Intl Def Rev 13, No.2:198-204 '80

What if the "what if" syndrome were reversed? The nuclear road to energy independence. Craig Hosmer. illus tab Sea Power 23:31-37 Aug '80

NUCLEAR POWER PLANTSSee also

Nuclear Reactors

The Three-Mile mission. (AF helicopters from Andrews AFB, MD, provide transportation for officials monitoring escaping radiation at Three-Mile Island) Airman 24:43 May '80

NUCLEAR REACTORS

Nuclear proliferation in the Third World--problems and prospects for the 1980s. Theodor H. Winkler. illus tabs Intl Def Rev 13, No.2:198-204 '80

NUCLEAR RESEARCHHistory

The Chinese ballistic missile program. Mark Wade. illus tabs Intl Def Rev 13, No.8:1190-1192 '80

NUCLEAR WARFARE

Artillery fired atomic projectiles--a field artilleryman's viewpoint. Col William E. Serchak. illus Fld Arty J 48:7-12 Mar-Apr '80

The bomb, dread, and eternity. Michael Mandelbaum. Intl Sec 5:3-23 Fall '80

C³ for tactical nuclear forces in Europe. John Morgenstern. illus Signal 35:57-58 Dec '80

Command and control for a long war. Paul Bracken. illus AF Mag 63:50-54 Apr '80

Command and control in the Soviet ground forces. Col Erich Sobik. illus NATO's Fifteen Nations 24:96-98+ Oct-Nov '79

Exploitable strategic nuclear superiority. Sen Jake Garn. Intl Sec Rev 5:173-192 Summer '80

Global threats and trans-Atlantic allies. Gregory F. Treverton. Intl Sec 5:142-158 Fall '80

Military asymmetries in the Soviet-American strategic balance. Capt Carl C. Krehbiel. illus RUSI J for Def Studies 125:24-32 Jun '80

NUCLEAR WARFARE - Continued

- The moral dilemma of nuclear deterrence. Stephen M. Millett. illus Parameters 10:33-38 Mar '80
- NATO's "first nuclear use": A deepening trap? Fred Charles Ikle. illus Strat Rev 8:18-23 Winter '80
- Nuclear proliferation in the Third World--problems and prospects for the 1980s. Theodor H. Winkler. illus tabs Intl Def Rev 13, No.2:198-204 '80
- "On the brink of the final abyss": A statement on war. Lord Mountbatten. illus Def Monitor 9:1-2+ May '80

The race to nuclear war: Three statements. RADM Gene R. LaRocque and others. illus Def Monitor 9, No.6: entire issue '80

The Soviet strategic nuclear advantage and how to eliminate it. John F. Lehman. Intl Sec Rev 5:271-285 Fall '80

Strategic military balance. Harold Brown. (Reprinted from Asia-Pacific Defense Forum, Spring 1980) illus Asian Def J No.5:131+ Sep-Oct '80

Strategies into the coming century. Gregory R. Copley. illus Def & For Aff 8:6-7+ Nov '80

Tactical nuclear weapons: The forgotten facet of naval warfare. CAPT Linton F. Brooks. illus US Nav Inst Proc 106:28-33 Jan '80

Targeting problems for central war. Colin S. Gray. illus Nav War Col Rev 33:3-21 Jan-Feb '80

Termination: The myth of the short, decisive nuclear war. Maj Jack H. Nunn. Parameters 10:36-41 Dec '80

Theater nuclear forces and grey area weapons. Karl Lautenschlager. illus Nav War Col Rev 33:13-22 Sep-Oct '80

Theatre nuclear force modernisation. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, Feb 12, 1980) RADM E. F. Gueritz. illus RUSI J for Def Studies 125:3-10 Sep '80

U.S. strategy for general nuclear war. Joseph D. Douglass. tab Intl Sec Rev 5:287-316 Fall '80

The Warsaw Pact short-warning nuclear attack: How viable an option? Maj Donald L. Mercer. illus Mil Rev pt 1, 60:23-32 Oct '80; pt 2, 60:28-36 Nov '80

Whatever happened to ... tactical nuclear warfare. Maj William D. Brown. illus tab Mil Rev 60:46-53 Jan '80

Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80

Medical Aspects

Minimizing the psychological effects of a wartime disaster on an individual. David K. Kent Smith. Aviation, Space & Envmt Med 51:409-413 Apr '80

NUCLEAR WEAPONSSee also

Missiles
Nuclear Bombs

NUCLEAR WEAPONS - Continued

The bomb, dread, and eternity. Michael Mandelbaum. Intl Sec 5:3-23 Fall '80

Getting a jump on our nuclear future. LtCol John J. Kohout III. AU Rev 31:102-106 Jul-Aug '80

Political sufficiency of nuclear forces. LtCol Robert W. Chandler. illus AU Rev 31:61-69 Sep-Oct '80

Tactical nuclear weapons: The forgotten facet of naval warfare. CAPT Linton F. Brooks. illus US Nav Inst Proc 106:28-33 Jan '80

The threat of nuclear terrorism. Augustus R. Norton. illus Natl Def pt 1, 65:44-46 Oct '80; pt 2, 65:43-44 Dec '80

International Control

A military commander surveys the nuclear arms race. Louis Mountbatten. Intl Sec 4:3-5 Winter '79/'80

Polaris successor. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, April 30, 1980) illus RUSI J for Def Studies 125:16-26 Sep '80

Maintenance and Repair

Logistics support of nuclear hardened systems. George H. Kawanishi. illus tab AF J Log 4:25-27 Summer '80

Safety Measures

Common sense and nuclear safety. TIG Brief 32:19 Feb 8 '80

Compensatory measures must truly compensate. TIG Brief 32:4 Oct 31 '80

Defense Nuclear Surety Inspection (DNSI). TIG Brief 32:3 Oct 17 '80

Don't get bit by Built-In Test Equipment (BITE). TIG Brief 32:12 Jul 11 '80

The fourth DOD nuclear safety standard. TIG Brief 32:18 May 30 '80

How you can change nuclear weapon system safety rules. TIG Brief 32:21 Sep 26 '80

Is your nuclear safety program dynamic? TIG Brief 32:13 Mar 7 '80

NUWAX-79 (NUclear Weapons Accident eXercise)/lessons learned. TIG Brief 32:7-8 Jun 13 '80

Nuclear certification of general purpose commercial vehicles. TIG Brief 32:13-14 Jun 27 '80

Nuclear mishap reports: Missing parts. TIG Brief 32:18 Jan 11 '80

Nuclear Safety Cross-Check Analysis (NSCCA) and firmware. TIG Brief 32:17 May 2 '80

Nuclear safety decertification. TIG Brief 32:15 Jan 11 '80

Nuclear safety regulations: What is 'timely'? TIG Brief 32:17 Mar 21 '80

NUCLEAR WEAPONS - ContinuedSafety Measures - Cont'd

Nuclear shipments: Where's the plan? TIG Brief 32:6 May 2 '80

Nuclear surety inspections. TIG Brief 32:3 May 30 '80

Nuclear surety inspections. TIG Brief 32:3 Nov 14 '80

Nuclear surety inspections of explosive ordnance disposal units. TIG Brief 32:4 May 30 '80

Nuclear weapon radiation levels. TIG Brief 32:15-16 May 16 '80

Nuclear weapon system design or modification. TIG Brief 32:6 Jan 25 '80

Nuclear weapons command disablement system. TIG Brief 32:16 Jan 11 '80

Operational review (of nuclear weapon system safety features). TIG Brief 32:16 Jul 25 '80

Physical security upgrade program. TIG Brief 32:4 Oct 17 '80

Preparation for a nuclear surety inspection. Capt John M. Urias. illus Air Def Mag, pp 37-39, Jan-Mar '80

The 'real world' application of the two-man concept. TIG Brief 32:5 Feb 22 '80

The role of the Weapons Safety Officer in exercises. TIG Brief 32:15 Mar 7 '80

Safeguarding nuclear material: Transportation and storage--a training exercise for DOE personnel with M-16 rifles. David A. Kolman. illus Def Trans J 36:38-40 Apr '80

The safety 'experienced' nuclear/explosives safety officer. TIG Brief 32:21 Oct 31 '80

Safety is not free. TIG Brief 32:18 Apr 18 '80

Security during nuclear weapon logistic movements. TIG Brief 32:5 Mar 21 '80

Security police and the two-man concept. TIG Brief 32:5-6 Dec 12 '80

Submitting 'Dull Sword' reports. TIG Brief 31:6 Dec 21 '79

Super guards: Duty at America's nuclear outposts. MSgt Matt Glasgow. illus Soldiers 35:36-39 May '80

Support of nuclear logistic movement aircraft. TIG Brief 32:13 Sep 26 '80

Time well spent by senior managers. TIG Brief 31:7 Dec 21 '79

Transportation of nuclear resources. TIG Brief 32:7 Jun 27 '80

Two-man policy reporting. TIG Brief 32:8 Jul 11 '80

Unauthorized launch studies. TIG Brief 32:15 Aug 29 '80

Understanding nuclear surety. TIG Brief 32:9 Sep 26 '80

NUCLEAR WEAPONS - ContinuedStatistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 63:128-129 Dec '80

Testing

Mission: Transportation support to nuclear testing. Capt Donald W. Lamb. illus map Translog 11:6-7 Apr '80

China (People's Republic)

The Chinese ballistic missile program. Mark Wade. illus tabs Intl Def Rev 13, No.8:1190-1192 '80

Europe, Western

Eurostrategy--theatre nuclear weapons. Frederick Bonnard. illus NATO's Fifteen Nations 25:48-49+ Apr-May '80

France

Eurostrategy--theatre nuclear weapons. Frederick Bonnard. illus NATO's Fifteen Nations 25:48-49+ Apr-May '80

The evolving French strategic debate. D. Bruce Marshall. illus Strat Rev 8:59-77 Spring '80

French nuclear weapons choices for the next twenty years. Germain Chambost. Intl Def Rev 13, No.7: 982 '80

The future of the French Strategic Nuclear Force. Paul Stares. tabs Intl Sec Rev 5:231-257 Summer '80

Great Britain

Eurostrategy--theatre nuclear weapons. Frederick Bonnard. illus NATO's Fifteen Nations 25:48-49+ Apr-May '80

NATO

The balance of theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 63:125-127 Dec '80

Eurostrategy--theatre nuclear weapons. Frederick Bonnard. illus NATO's Fifteen Nations 25:48-49+ Apr-May '80

Global threats and trans-Atlantic allies. Gregory F. Treverton. Intl Sec 5:142-158 Fall '80

Lasting peace and reliable security for Europe. V. Yefremov. Soviet Mil Rev No. 7:52-53 Jul '80

The moral dimensions of tactical nuclear weapons in Europe. LtCol Philip W. Dyer. illus Parameters 10:44-50 Jun '80

NATO, nuclear weapons, and the death of detente. tabs Def Monitor 9: entire issue Mar '80

NATO theater nuclear modernization. Joseph D. Douglass. Intl Sec Rev 5:57-71 Spring '80

NUCLEAR WEAPONS - ContinuedNATO - Cont'd

NATO's nuclear debate. Michael Morgan. illus Def & For Aff 8, No.2:15+ '80

Nuclear weapons and NATO. LtCol Alan P. Armstrong. illus Mil Rev 60:11-17 May '80

The question of deploying U.S. theater nuclear weapons in Europe. Lawrence J. Korb. tabs Nav War Col Rev 33:99-105 May-Jun '80

Theater nuclear forces and grey area weapons. Karl Lautenschläger. illus Nav War Col Rev 33:13-22 Sep-Oct '80

Theatre nuclear force modernisation. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, Feb 12, 1980) RADM E.F. Gueritz. illus RUSI J for Def Studies 125:3-10 Sep '80

Pakistan

The Islamic bomb. Edgar O'Ballance. illus Natl Def 65:52-55 Dec '80

Russia

Deterrence and the arms race: The impotence of power. Jacek Kugler and A.F.K. Organski. illus tabs Intl Sec 4:105-138 Spring '80

Flexibility: A driving force in Soviet strategy. Phillip A. Petersen. illus AF Mag 63:94-98 Mar '80

Soviet thermonuclear development. David Holloway. tab Intl Sec 4:192-197 Winter '79/'80

Third World

Nuclear proliferation in the Third World--problems and prospects for the 1980s. Theodor H. Winkler. illus tabs Intl Def Rev 13, No.2:198-204 '80

United States

Artillery fired atomic projectiles--a field artilleryman's viewpoint. Col William E. Serchak. illus Fld Arty J 48:7-12 Mar-Apr '80

Base support for the Prime Nuclear Airlift (PNAF) mission. TIG Brief 32:6 Feb 8 '80

The best of all possible nuclear worlds. McGeorge Bundy. Intl Sec 5:172-177 Summer '80

The capabilities of the American nuclear deterrent 1945-1950. Stephen M. Millett. illus Aerosp Hist 27:27-32 Mar '80

A countervailing strategic strategy. Harold Brown. illus Defense/80, pp 2-9, Oct '80

Dawn of a new strategic era? Edgar Ulsamer. AF Mag 63:49-54 May '80

Departure from incrementalism in U.S. strategic planning: The origins of NSC-68. Sam Postbrief. illus Nav War Col Rev 33:34-57 Mar-Apr '80

Deterrence and the arms race: The impotence of power. Jacek Kugler and A.F.K. Organski. illus tabs Intl Sec 4:105-138 Spring '80

Improving the design of nuclear weapon systems. TIG Brief 32:20 Sep 26 '80

'Mum' still the word on nukes. AF Times 41:16 Oct 27 '80

NUCLEAR WEAPONS - ContinuedUnited States - Cont'd

The new military budget: Throwing money at problems. tabs Def Monitor 9: entire issue Apr '80

Nuclear weapons and NATO. LtCol Alan P. Armstrong. illus Mil Rev 60:11-17 May '80

Toward a tactical nuclear doctrine. LtCol Andrew E. Andrews. illus tab Mil Rev 60:12-19 Oct '80

U.S. strategic force requirements in a nuclear-proliferated world. Lewis A. Dunn. illus AU Rev 31: 26-33 Jul-Aug '80

U.S. strategic nuclear policy. (Presentation, Naval War College, Aug 20, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Oct '80

Warsaw Pact

The balance of theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 63:125-127 Dec '80

NUNN, Sam

Nunn's "save the Army" campaign: Battle over--or just begun? R. James Woolsey. Armed Forces J Intl 117:10 Aug '80

'When we discuss our manpower options, one of the primary considerations would be to strengthen the Reserve forces.' Interview. Sen Sam Nunn. por Officer 56:24-26 Nov '80

NURSE CORPSAir Force--U.S.See also

Flight Nurses

NURSES AND NURSINGSee also

Flight Nurses

The medical connection: Trauma center (Maryland Institute for Emergency Medicine Service) possesses skilled Guardsmen. illus Natl Guard 34:8-10 Aug '80

Nursing history format. TIG Brief 32:14 Jan 25 '80

Nursing introspection: Peer review. Rosa Lee Cook. tabs Aviation, Space & Envmt Med 51:1159-1162 Oct '80

Nursing staff orientation for quality care. TIG Brief 32:18 Nov 28 '80

NUTRITION

'DOC' (Doctors Ought to Care) wants to keep you healthy. Paul Smith. illus AF Times 41:39-40 Sep 29 '80

Fasting or feeding? A survey of fast-jet aircrew nutrition in the Royal Air Force Strike Command, 1979. M.G.P. Fisher and D.W. Atkinson. tabs Aviation, Space & Envmt Med 51:1119-1122 Oct '80

Food for thought. SqLdr John C. Griffiths. illus Aerosp Safety 36:8-10 Nov '80

OAS see Organization of American States

OCS see Officer Candidate Schools

OER see Effectiveness Reports

OJT see On-the-Job Training

OPEC see Organization of Petroleum Exporting Countries

OSI see Office of Special Investigations

OTS see Officer Training School

OBESITY see Physical Fitness

OBSTACLES (MILITARY SCIENCE)

The antitank ditch--reviving an old concept. John F. Rybicki. illus tab Mil Engr 72:418-421 Nov-Dec '80

OCCUPATIONAL SAFETY AND HEALTH

Achieving safety. TIG Brief 32:19-20 May 30 '80

Civilian employee injury compensation claims. tab TIG Brief 31:11-12 Dec 21 '79

Documentation of industrial hygiene samples. TIG Brief 32:17-18 Nov 28 '80

Industrial hygiene evaluations of workshops. TIG Brief 32:17 Jan 25 '80

Industrial ventilation. TIG Brief 32:14 Feb 8 '80

Occupational illness reporting. TIG Brief 32:16 Jan 25 '80

Occupational safety and health in USAF dental clinics. TIG Brief 32:11 Jan 11 '80

Reporting occupational health survey results. TIG Brief 32:12 Sep 26 '80

Smoking and the occupational environment. TIG Brief 32:14 Feb 8 '80

Workplace safety. TIG Brief 32:18 Dec 12 '80

OCEAN

The next twenty years of naval mobility. Thomas A. Clingan, Jr. illus US Nav Inst Proc 106:82-93 May '80

OCEAN MINING

Seabed mining bill (Deep Seabed Hard Minerals Act) boosts shipping, shipbuilding prospects. L. Edgar Prina. illus map Sea Power 23:16+ Sep '80

OCEANOGRAPHY

See also

Deep Submergence Systems Program
Marine Resources
National Oceanic and Atmospheric Administration
Underwater Research

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

OCEANOGRAPHY - Continued

The National Ocean Survey--planning for the future. RADM Herbert R. Lippold, Jr. illus chart Mil Engr 72:25-29 Jan-Feb '80

Offshore technology. Regular feature in issues of Military Engineer

O'CONNOR, John J.

'Is you is, or is you ain't my baby?' RADM John J. O'Connor, Ret. MarCor Gaz 64:61-67 Feb '80

O'CONNOR, Michael G.

Military contributions to management. RADM Michael G. O'Connor, Ret and David S. Brown. Def Mgt J 16:50-57 Second Quarter '80

ODONNELL, Andrew W.

'Gray Eagle' title is passed on to LtGen ODonnell: Fifth for Corps. MarCor Gaz 64:8 Jan '80

OFFICE OF CIVIL DEFENSE see Defense Civil Preparedness Agency

OFFICE OF MANAGEMENT AND BUDGET

Alternatives for shortening the acquisition process. Maj David T. Spencer. Def Sys Mgt Rev 2:36-59 Autumn '79

Comprehensive OMB report takes a future look at the Federal life of general purpose ADP's. tabs Govt Exec 12:49-50+ Mar '80

Contract cleanup ordered by OMB. AF Times 41:35 Aug 11 '80

OMB Circular A-109 impact on new development. Dean E. Roberts. illus Def Sys Mgt Rev 2:27-35 Autumn '79

Pending OMB rule could block building of VA, military hospitals. AF Times 41:52 Oct 27 '80

Shortening the acquisition cycle. Augie G. Martinez. Def Sys Mgt Rev 2:60-66 Autumn '79

OFFICE OF PERSONNEL MANAGEMENT

(Air) Logistics Center (Kelly AFB, TX) wins OPM (Exemplary Practice in Federal Productivity) Award. AF Times 40:25 Jun 23 '80

Civilian personnel concerns. AF Pley Ltr for Comdrs: Sup, pp 26-28, Aug '80

O'seas kin jobs get OPM boost. Don Mace. AF Times 41:1+ Aug 25 '80

OFFICE OF PERSONNEL OPERATIONS--ARMY
see Army Military Personnel Center

OFFICE OF SPECIAL INVESTIGATIONS

Advanced OSI training to cut expenses in half. AF Times 40:7 Apr 14 '80

Air Force Office of Special Investigations. illus AF Mag 63:118+ May '80

Investigating unauthorized toll calls. TIG Brief 32:6 Jan 11 '80

OFFICE OF SPECIAL INVESTIGATIONS - Continued

OSI agents soon to get new compact .45 pistol. Don Mace. illus AF Times 41:6 Dec 15 '80

OSI checklist: Mundane but effective side of espionage game. AF Times 40:14 Jun 23 '80

OSI needs people. AF Times 40:18 Feb 18 '80

Protection of Air Force personnel abroad from acts of terrorism. TIG Brief 32:7 May 16 '80

Without cloak or dagger. MSgt David B. Drachlis. illus Airman 24:36-41 Jan '80

OFFICE OF TECHNOLOGY ASSESSMENT

Congress and technology: Facing up to the realities of finiteness. (Office of Technology Assessment) (Interview with John H. Gibbons). illus Govt Exec 12:13+ Sep '80

U.S. faces stiffer competition for oil. AF Times 41:39 Nov 10 '80

OFFICER CANDIDATE SCHOOLSAir Force

License to lead. (Air National Guard trains NCOs and officer candidates at the Professional Military Education Center in Tennessee) Capt Dick Sheffield. illus Airman 24:30-34 Jul '80

OFFICER EFFECTIVENESS REPORT see Effectiveness ReportsOFFICER TRAINING SCHOOL

Lead, motivate, then evaluate. Maj Gene E. Townsend. illus AF Mag 63:72-77 Aug '80

OTS will enroll 5329 (950 women) in FY '81. Len Famiglietti. tab AF Times 40:3 Mar 3 '80

OFFICERS

See also
Commanding Officers
Flag Officers

General Officers
Staff Officers

Air Force--U.S.

Air Force junior officers: Changing prestige and civilianization. Frank R. Wood. tabs Armed Forces & Soc 6:483-506 Spring '80

The care and feeding of lieutenants. TIG Brief 32:13-14 Dec 12 '80

Career incentives for JOs lacking. John Ginovsky. AF Times 40:2 Jun 2 '80

Chance at Regular bettered for many. M. L. Craver. AF Times 40:1+ Jan 28 '80

Compromise DOPA gets AF backing. John Ginovsky. AF Times 41:7 Oct 13 '80

Exits: Pay not No. 1. AF Times 41:24 Oct 20 '80

Fact versus perception--the "fightergator" enters the 80s. Capt Joseph H. Wehrle, Jr. tabs Aerosp Safety 36:4-6 Oct '80

OFFICERS - ContinuedAir Force--U.S. - Cont'd

576 selected by temporary colonel board. AF Times 41:12+ Dec 15 '80

For FY '81, AF needs 83,000 officers, EM. AF Times 41:3 Nov 3 '80

GOs, O-6s to get base feedback. Len Famiglietti. AF Times 41:1+ Aug 25 '80

Grade tables: New version. Martha Lynn Craver. AF Times 40:3 Mar 17 '80

How many up high, fly? AF Times 41:6 Nov 17 '80

Lack of support officers approaches acute stage. John Ginovsky. AF Times 41:3 Oct 20 '80

Line officers retention trends same for sexes. tab AF Times 40:35 Jun 9 '80

Notes from the Palace Dollar team. Maj Gary G. Payne. illus tabs AF Compt 14:35 Jul '80

OER policy reiterated. AF Times 41:7 Oct 27 '80

Officer career guide due soon. AF Times 41:18 Aug 11 '80

Officer outlook: Hikes going up. John Ginovsky. AF Times 41:3 Aug 11 '80

Officers' hike outlook--pin-on a month sooner. tab AF Times 41:4 Sep 1 '80

Promotion prospects brighter for officers. John Ginovsky. AF Times 40:8 Jun 30 '80

Senior officer footprints, again! TIG Brief 32:13 Nov 28 '80

1750 selected lieutenant colonel. AF Times 41:8+ Sep 22 '80

Spotlight on senior and staff officer EW training. Capt Carl S. Guinsler. illus Navigator 27:14-15 Summer '80

3-year CONUS tours open to o'seas WSOs. John Ginovsky. AF Times 41:2 Nov 3 '80

2865 selected for Regular major. AF Times 41:11+ Nov 10 '80

Two different worlds? The military historian and the U.S. Air Force. Dennis E. Showalter. illus AU Rev 31:29-37 May-Jun '80

2090 officers picked for RegAF. tab AF Times 41:16+ Sep 1 '80

Armed Forces--Japan

Officer education in Japan. Edward J. Drea. illus Mil Rev 60:31-39 Sep '80

Armed Forces--Russia

Officer training system. Gen A. Mayorov. illus Soviet Mil Rev No. 7:2-5 Jul '80

The Soviet officer--one man's view. Capt Jon G. Col-lavo. illus Airlift Ops Rev 2:9-13 Oct-Dec '80

OFFICERS - ContinuedArmed Forces--U.S.See also

Defense Officer Personnel Management System

Congress OKs officer grade relief. AF Times 41:15 Sep 15 '80

Military men and presidents. Col Jack W. Rudolph, Ret. illus Army 30:51-54 Nov '80

Military minds. Fred Reed. (Reprinted from Washington Post, Oct 2, 1979) Signal 34:69 Jan '80

To serve with honor. Maj Richard A. Gabriel, illus Army 30:17-21 May '80

Unity of political and military leadership. N. Gusev. Soviet Mil Rev No. 6:29-31 Jun '80

Army--Russia

The 'scientific' Soviet commander. LtCol William P. Baxter, Ret. illus Army 30:39-40+ Jun '80

Army--U.S.

The alleged isolation of U.S. Army officers in the late 19th century. John M. Gates. tabs Parameters 10:32-45 Sep '80

Bars to stars. Regular feature in issues of Air Defense Magazine

The commanders. Steve Abbott. illus Soldiers 35: 30-34 Jul '80

Individual replacements: There must be a better way. Capts Edward R. Maher and Peter F. Kindsvatter. illus Army 30:37-40 May '80

OPMD-EPMD Armor. Regular feature in issues of Armor

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Officers career notes. Regular feature in issues of Infantry

An open letter to company grade artillerymen. LtCol Leslie E. Beavers. illus Fld Arty J 48:23-27 Jan-Feb '80

Soldier expectations. Capt Gardner M. Nason. illus Soldiers 35:11-13 Jun '80

Structure, environment, and satisfaction: Toward a causal model of turnover from military organizations. Allen C. Bluedorn. illus tabs J Pol & Mil Sociol 7:181-207 Fall '79

The true school of the lieutenant. Capts Thomas R. Rozman and William A. Saunders. illus Infantry 70: 16-18 Jul-Aug '80

National Guard--Air Force--U.S.

Commissioning: ANG cuts ages. AF Times 41:4 Dec 1 '80

Navy--Russia

The commanding officer's tactical skills. VAdm V. Kruglyakov. illus Soviet Mil Rev No. 6:9-12 Jun '80

OFFICERS - ContinuedNavy--U.S.

Degrees of naval warfare. CAPT L. Dale Smith, Ret. illus US Nav Inst Proc 106:28-33 Dec '80

An examination of professional concerns of naval officers as reflected in their professional journal. CAPT L.F. Brooks. illus tabs Nav War Col Rev 33:46-56 Jan-Feb '80

A gentlemen's agreement. ADM James L. Holloway, Jr, Ret and Jack Sweetman. illus US Nav Inst Proc 106:71-77 Sep '80

Retired officer (CDR Edward Rawlins) to collect \$100,000 for nonhike. AF Times 41:8 Dec 8 '80

Reserve Forces--Air Force--U.S.

Brooks (AFB, TX) 'vacationers' (medical students enrolled in the Air Force Health Professional Scholarship Program) get taste of survival. Beth Pyn-dus. AF Times 41:18 Sep 15 '80

Chance at Regular bettered for many. M. L. Craver. AF Times 40:1+ Jan 28 '80

579 selected for ROPA lieutenant colonel. tab AF Times 41:18+ Sep 1 '80

Little progress made in the (Capt John) Stewart case. AF Times 41:8 Nov 10 '80

MA's (Mobilization Augmentees) on the move. Col Merlin R. Adams and LtCol Bernard V. Parrette. illus Air Reservist 33:10-11 Nov '80

982 selected for permanent ROPA O-3. AF Times 41:11+ Nov 3 '80

Reserve Officer Supplement ending. AF Times 41:4 Sep 8 '80

236 picked for Reserve O-6. AF Times 41:15+ Dec 15 '80

Reserve Forces--Armed Forces--NATO

CIOR's Canadian challenge. illus Air Reservist 33:6 Nov '80

Mutual aspirations for freedom stressed at CIOR/CIOMR congresses. Gen R. M. Withers. illus Officer 56:28-29 Oct '80

OFFICERS CLUBS

Clubs could lose booze \$\$\$. Andy Plattner. AF Times 40:1+ Feb 25 '80

OFFSHORE OIL WELL DRILLING see Oil Well DrillingOIL see

Lubrication and Lubricants
Petroleum
Petroleum Industry and Trade

OIL WELL DRILLING

Anatomy of a rig; genesis of an industry. Robert L. Scheina. Sea Power 23:23 Aug '80

Flying the offshore oil rigs: Petroleum Helicopters Inc and Helikopter Service A/S. Marc Grangier. illus Interavia 35:596-599 Jul '80

OIL WELL DRILLING - Continued

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Norway: Maritime aviation booming. Knut Lovstuhagen. illus Interavia 35:150-151 Feb '80

Offshore technology. Regular feature in issues of Military Engineer

OILERS (SHIPS)

See also
Tankers

OKINAWA

A second landing (on Okinawa) finally ends the war. William Manchester. (Reprinted from Life, May 1979) illus MarCor Gaz 64:53-60 Apr '80

OLD AGE

The luckiest people. (Volunteers at Minot AFB, ND, give time and work to local senior citizens) SSgt Jim McKee. illus Airman 24:14-15 May '80

O'MALLEY, Jerome F.

People of the total force. (Presentation, Salute Night to Reserves and Retired Force, Las Vegas, NV, June 6, 1980) MajGen Jerome F. O'Malley. AF Plcy Ltr for Comdrs: Sup, pp 20-24, Jul '80

OMANPolitics and Government

Oman: Some competence, and some corruption. Armed Forces J Intl 118:67-68 Nov '80

Strategic Importance

Oman: The next crisis? Capt Richard A. Stewart. illus maps US Nav Inst Proc 106:97-102 Apr '80

OMEGA

Omega and INS (Inertial Navigation System) precomps. Capt Glon S. Turner. illus Navigator 27:13-15 Spring '80

Worldwide Omega. Nicolò Anselmi. illus map Armada Intl 4:136-140 Mar-Apr '80

ON-THE-JOB TRAINING

Job rotation in munitions maintenance. TIG Brief 32:8 Mar 21 '80

No time for training. TIG Brief 32:16 Oct 17 '80

OJT programs held ineffective. AF Times 41:34 Nov 3 '80

Qualifications of nondestructive specialist: Do we care enough to offer the best? TIG Brief 32:5 Oct 31 '80

September song. Maj Pete Abler. illus TAC Attack 20:24-25 Sep '80

OPERATION

See also
Exercise

OPERATION - ContinuedCreek Party

The nav heritage--the KC-97L. LtCol Thomas P. Beal. illus Navigator 27:15-19 Winter '80

Deep Freeze

Deep Freeze 1980: Diary of an icebreaker. LT Christopher L. Lee. illus US Nav Inst Proc 106:140-143 Oct '80

South for the winter. Capt James P. Coe. illus MAC Flyer 27:8-11 Mar '80

Desert Fire

Desert Fire. 1stLt David Vogels. illus Soldiers 35: 6-10 Feb '80

Northern Leap

Operation Northern Leap: The flight. Capt Stephen H. Gilbertson. illus map tab USA Avn Dig 26:6-10 Mar '80

Operation Northern Leap: 20/20 hindsight. (Self-deploying CH-47s to Europe) Maj Richard Heehn. illus USA Avn Dig 26:2-5 Mar '80

Ranch Hand

Ex-Ranch Hand volunteers needed for 'Orange' study. AF Times 41:40 Nov 3 '80

'Outside' scientists monitor Agent Orange study. AF Times 41:9 Oct 6 '80

Patches: The hole story. MSgt Lawrence H. Lentz and LtCol Arthur Sorenson. illus Air Reservist 32: 14-15 Sep-Oct '80

The Ranch Hand health effects study. (Presentation, Subcommittee on Medical Facilities and Benefits, House Veterans Affairs Committee, Washington, Sep 16, 1980) LtGen Paul W. Myers. AF Plcy Ltr for Comdrs: Sup, pp 37-39, Nov '80

Red Ball Express

Red Ball Express. Capt Michael W. Cannon. illus Armor 89:8-10 May-Jun '80

OPERATIONAL READINESS

See also
Combat Readiness

Air Force priorities. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Nov '80

Air National Guard and Air Force Reserve medical mission capability. TIG Brief 32:12 Feb 22 '80

Aircrew testing: One IG team's approach. TIG Brief 32:3-4 Sep 12 '80

(Airlift issues) (Interview with Col Robert B. Patterson) Maj Edward F. Wittel. illus Airlift Ops Rev 2:2-8 Jul-Sep '80

Army challenges in the 80's: The big picture. Gen E.C. Meyer. (Excerpts from "White Paper 1980") illus Soldiers 35:28-29 Jul '80

OPERATIONAL READINESS - Continued

The division's logistician. Maj William J. Sidebottom. tab Army Log 12:31-33 Sep-Oct '80

Dynamic role of readiness training. CMSgt Joseph H. Smith. illus AF Engrg & Svcs Qtr 21:3-5 Aug '80

1500 dentists to train as emergency medics. Interview. BrigGen Stanley C. Kolodny. AF Times 41:8 Nov 10 '80

For NCO's: Leadership, hard work and training. SMA William A. Connelly. illus Army 30:21-24 Oct '80

Formulating improved figures of merit in aircraft acquisition. Charles Stiles. illus tabs Def Mgt J 16:56-60 First Quarter '80

GO (BrigGen W. Troy Tolbert) heads wing that failed test. AF Times 41:15 Sep 8 '80

Harvest Bare revisited: Some lessons learned. LtCol Frank Dooley and Richard C. Lugent. illus AF Engrg & Svcs Qtr 21:13-15 Aug '80

Honing the cutting edge. Maj Gary L. LaGrange. illus tabs Army Log 12:2-4 Jul-Aug '80

How ready can the Reserves be? LtCol Arthur T. Carey. illus Armor 89:24-26 Jan-Feb '80

IG: 'Sustainability' is the new byword. Interview. LtGen Howard W. Leaf. AF Times 41:2 Oct 6 '80

Increasing emphasis on readiness in acquisition. Richard E. Biedenbender. tabs Def Sys Mgt Rev 2:99-106 Autumn '79

Inspection Results Analysis System (IRAS). TIG Brief 32:11 Sep 12 '80

Joint approach adds realism to inspections (of Air Force Communications Command units that support five major commands). AF Times 41:35 Nov 17 '80

Just another ORI. 1stLt Max D'LaRotta. illus Combat Crew 30:18-19 Sep '80

The key to readiness: O&M. LtGen Hans H. Driessnack. illus tabs AF Mag 63:57-63 Oct '80

Laird: Only six percent of U.S. forces 'ready now'-- but there's also a six percent solution. James D. Hessman. Sea Power 23:39-40+ Oct '80

The lessons of Nifty Nugget. LtCol Walter R. Shope. illus Defense/80, pp 14-22, Dec '80

Let's get our training act together. CDR John D. Roper. illus US Nav Inst Proc 106:99-101 Jun '80

Limiting factor reporting and operational readiness inspections. TIG Brief 32:3 May 16 '80

Logistics: We have work to do. (Presentation, Air Force Assoc Airpower Symposium, Chicago, March 1, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 23-28, May '80

A maintenance nightmare. LtCol Richard P. Diehl. illus Army Log 12:6-11 Sep-Oct '80

OPERATIONAL READINESS - Continued

'Mystery Battalion' moves out (in Exercise Eligible Receiver II). LtCol Albert G. Folcher, Jr and Maj Michael A. Andrews. illus Army 30:26-29 Feb '80

Of old heads and retreads. Capt Howard Harding. illus Combat Crew 30:8-10 Sep '80

Operational review (of nuclear weapon system safety features). TIG Brief 32:16 Jul 25 '80

Panel (House Armed Services Committee) will study defense industry. AF Times 41:11 Oct 27 '80

Pentagon, White House, and Congress concerned over: tactical aircraft complexity and readiness. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 117:28-30+ May '80

Project Peace Pharaoh: Mobility at its best. (Electrical system upgrade at Cairo West Egyptian AFB) CMSgts Joseph H. Smith and Wade H. Grimm. illus AF Engrg & Svcs Qtr 21:16-17 Aug '80

RCCC (Reserve Component Coordination Council): Readiness is its business. Capt Art House. illus Soldiers 35:37-39 Jan '80

The rapid deployment force: Criteria and imperatives. LtGen Victor H. Krulak, Ret. illus Strat Rev 8:39-43 Spring '80

Readiness: Ready for what? TIG Brief 32:4 May 16 '80

Readiness report--problems linked to pay, benefits. AF Times 41:7 Oct 6 '80

Readying the "Ready" Reserves. LCDR Roger D. Watkins and LT Lawrance H. Kubo. illus US Nav Inst Proc 106:95-97 Dec '80

Redoubt ... a western view. Maj Ernie Stepp and T.J. Coats. illus Air Reservist 32:15 Aug '80

SAC readiness: The DE (Damage Expectancy) formula. BrigGen Richard A. Burpee. illus Combat Crew 30:2-3 May '80

SecDef Brown's memo on tac air readiness. Armed Forces J Intl 117:29-30+ May '80

Sixth Fleet update. CDR Brent Baker. illus tabs US Nav Inst Proc 106:52-59 Sep '80

Spare parts getting higher priority. Interview. BrigGen John Chain. AF Times 41:4 Aug 25 '80

Tactical mobility for rapid deployment forces: The solution is at hand. Capt Richard A. Stewart. illus Armed Forces J Intl 117:70-72+ Mar '80

Technological competence and the military commander. J.S. Przemieniecki. illus AU Rev 32:70-78 Nov-Dec '80

They are ready! (Prime BEEF units and Rapid Runway Repair course, Eglin AFB, FL) Lt Thomas C. Sliwoski. illus AF Engrg & Svcs Qtr 21:20-21 Aug '80

Trends and challenges in the 1980s. (Presentation, Boston University Overseas Commencement, Heidelberg, Ger, June 8, 1980) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup, pp 5-9, Aug '80; Condensation. AF Times 40:19 Jul 14 '80

OPERATIONAL READINESS - Continued

U.S. military readiness--robbing Peter to pay Paul. Wayne A.Schroeder. illus tab Mil Engr 72:400-403 Nov-Dec '80

OPERATIONAL RESEARCH

See also
Systems Analysis

The origin of Polaris. William F. Whitmore. illus US Nav Inst Proc 106:55-59 Mar '80

OPERATIONAL TEST AND EVALUATION

"Pease Tower, Zoom flight is number 1." (First deployment of fully configured F-16s to Europe) LtCols Tuck McAtee and Loren E. Timm. illus USAF Ftr Wpns Rev, pp 2-13, Summer '80

XM-1 progress report. Capt James H. Dyson, Jr. illus Armor 89:14-15 Jan-Feb '80

OPERATIONS, MILITARY

Covering force operations. Col Robert E. Wagner. illus Armor 89:9-12 Mar-Apr '80

FM 100-5 (Operations) revisited: A need for better "foundation concepts?" Maj John M. Oseth. illus Mil Rev 60:13-19 Mar '80

FM 100-5 revisited. Gen William E. DePuy, Ret. illus Army 30:12-17 Nov '80

OPTICS

See also
Lasers

A-7 experiment moving toward F/O validation. illus Mil Elect/Countermeasures 6:32-33 Aug '80

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

Application of fiber optics to tactical communications systems. Col Joseph M. Corvino, Ret and Bernard D. DeMarinis. tabs illus Signal 34:55-62 Feb '80

Cheap, small, effective small arms AA sight. Emile Pettecks-Snyder. illus Asian Def J No.5:137-138 Sep-Oct '80

Fiber optic communication systems for the U.S. Army. Alexander Mondrick and James Wright. tabs Signal 35:31-32+ Nov '80

Fiber optic flight control. Rick Cotta. illus Mil Elect/Countermeasures 6:58+ Apr '80

Fiber optics in tactical systems. illus Mil Elect/Countermeasures 6:36-37+ Jun '80

The Milan night sight. illus tab Intl Def Rev 13, No.2:256 '80

ORGANIZATION

See also subdivision under specific subjects, e.g.,
Army--Israel--Organization

ORGANIZATION - Continued

The general manager of matrix organization. William C. Wall, Jr. illus Def Sys Mgt Rev 3:7-15 Spring '80

A look at the independence of Federal contract research centers. LtCol Timothy J. McGrath. illus Def Sys Mgt Rev 3:77-83 Spring '80

Staff men are finks--and other generalizations. Bert Karin. Def Sys Mgt Rev 3:16-27 Spring '80

ORGANIZATION OF AMERICAN STATES

Continental interdependence, energy, and integration in the Americas. Alejandro Orfila. AEI For Plcy & Def Rev 1, No.6:15-21 '79

Peacekeeping and the Inter-American system. LtCol John Child, Ret. tabs Mil Rev 60:40-54 Oct '80

Security to the south: U.S. interests in Latin America. Margaret Daly Hayes. Intl Sec 5:130-151 Summer '80

ORGANIZATION OF PETROLEUM EXPORTING COUNTRIES

Energy issues and time availabilities. John Patrick Walsh. illus AU Rev 32:17-33 Nov-Dec '80

Tremors in world oil: The consequences of Iran. Melvin A. Conant and Charles K. Ebinger. Intl Sec Rev 5:27-42 Spring '80

OTIS, Glenn K.

Army revitalizing mobilization plans, procedures, assets. LtGen Glenn K. Otis. por Army 30:118-123 Oct '80

OTT, David E.

Battery positions are out-of-date. LtGen David E. Ott. illus Army 30:57-59 Mar '80; Fld Arty J 48:54-56 May-Jun '80

OUTPUT MEASUREMENT

DOD-wide work system could save \$36 billion. AF Times 41:27 Jul 28 '80

Enhancing Navy productivity. William B. Shaner. illus tabs Armed Forces Compt 25:4-7 Feb '80

GSA region scores with word processing. Robert M. Redmond. Govt Exec 12:48-50 Apr '80

OVERALL EFFICIENCY INDEX see Effectiveness Reports--Army

OVERSEAS DUTY

Ceiling on kin (overseas) a hardship. AF Times 40:10 Mar 10 '80

Fact versus perception--the "fightergator" enters the 80s. Capt Joseph H. Wehrle, Jr. tabs Aerosp Safety 36:4-6 Oct '80

HA rates to rise sharply in Japan (and Italy). AF Times 40:4 Jun 2 '80

Home-basing, follow-on programs expanded. AF Times 40:6 Jun 16 '80

OVERSEAS DUTY - Continued

House panel (Armed Services Subcommittee on Compensation) approves o'seas pay/leave plan. Martha Lynn Craver. AF Times 40:1+ Jun 30 '80

"I do, I do": Tying the knot overseas is not that easy. Joann L. Dettmann. illus AF Times 40:39-40 Jun 23 '80

Living overseas: Children of a 'third culture.' Karen McKay. illus AF Mag 41:35+ Aug 25 '80

O'sea singles COLA urged. Tom Philpott. AF Times 41:1+ Nov 24 '80

O'seas extension, extra \$\$ for EM: Fair benefits bill near Senate vote. Martha Lynn Craver. AF Times 41:1+ Dec 1 '80

O'seas housing allowance, VHA: How the systems work. AF Times 41:4 Aug 18 '80

O'seas kin jobs get OPM boost. Don Mace. AF Times 41:1+ Aug 25 '80

O'seas schools rated high by evaluators. Karen McKay. AF Times 41:8 Aug 18 '80

Overseas volunteers lose short-tour option. AF Times 40:4 May 19 '80

Pirie questions o'seas kin ceiling. Andy Plattner. AF Times 40:2 Jan 14 '80

Quarters, furnishings available overseas. Table only. AF Times 41:24 Dec 8 '80

Savings moves: Those due to return to U.S. can extend. AF Times 40:1+ May 5 '80

'Singles' COLA overseas urged. Tom Philpott. AF Times 41:1+ Nov 3 '80

Europe, Western

EUCOM hits plan to cut school busing. Larry Carney. AF Times 40:7 Jun 16 '80

How schools rate o'seas--revised program plus for Europe. Richard Barnard. illus AF Times 40:16+ Jan 21 '80

Renovations slow but sure. Richard C. Barnard. AF Times 40:18+ Feb 4 '80

Schools in Europe more flexible. Richard Barnard. illus AF Times 40:34 Jan 28 '80

Germany (Federal Republic)

Hohenfels holiday. Capt Gardner M. Nason. illus Soldiers 35:13-16 Nov '80

Interoperability (at the grass roots level): A little view. Capt Richard S. Gourley. illus Infantry 70: 15-17 May-Jun '80

Per diem goes up in 30 German cities. AF Times 41:13 Aug 25 '80

Great Britain

New neighbors in the Cotswold. (USAF reactivates RAF Fairford, Eng) Capt Katie Cutler. illus Airman 24:19-25 Oct '80

Japan

Operating cars will cost more (in) Japan, Okinawa. AF Times 41:3 Dec 15 '80

Korea (Republic)

Exploring Korea: The land beyond the bases. Adrienne Astolfi Eddins. illus AF Times, Times Magazine sup:6-10+ Dec 8 '80

Korea: The adventure. SSgt Jim Boersema. illus Soldiers 35:41-45 Aug '80

Korea: The mission. SSgt Jim Boersema. illus Soldiers 35:38-40 Aug '80

OVERSEAS DUTY - ContinuedKorea (Republic) - Cont'd

Korean assignment. Sgt1C Richard J. Constable. illus Translog 10:15-16 Dec '79

Middle East

Duties of a UN military observer: Major (Trenton Pauley) helped keep peace in Mideast. Lt Mark A. Besich. AF Times 41:32 Nov 17 '80

Netherlands

The Queen's own. (USAF's 32d TFS has special ties to the Netherlands) Capt Katie Cutler. illus Airman 24:44-48 Nov '80

Norway

In the 'Bear's' shadow. (Air Reservists in Norway) SrAmn Charles B. Morley. illus Air Reservist 33: 14-15 Nov '80

Panama

Alaskans take the heat. illus Natl Guard 34:36-37 Jul '80

Philippines (Republic)

Philippines requires kin entry visas. AF Times 41:13 Aug 25 '80

Spain

Our team in Spain. (A USAF mobile training team sent to train Spanish Army helicopter crews to use the XM-93 minigun) Maj John J. Moscatelli and SSgt Bill Welch. illus map Airman 24:36-38 Nov '80

Turkey

Joined hands across the sea. Pamela Kane and 1stLt Carol Dulin. illus Natl Guard 34:20-27 Oct '80

Turkey: Window on the East. SP5 Gary Kieffer. illus Soldiers 35:14-18 Apr '80

OXYGEN

A comparison of some indirect methods for predicting maximal oxygen uptake. M.H. Harrison and others. tabs Aviation, Space & Envmt Med 51:1128-1133 Oct '80

Development of "sports anemia" in physically fit men after daily sustained submaximal exercise. M.W. Radomski and others. tabs Aviation, Space & Envmt Med 51:41-45 Jan '80

Maximal oxygen uptake: Its measurement, application, and limitations. M.H. Harrison and others. tabs Aviation, Space & Envmt Med 51:1123-1127 Oct '80

Medical hyperbaric oxygen therapy: 22 cases. Frank Welsh and others. tab Aviation, Space & Envmt Med 51:611-614 Jun '80

On the use of oxygen to facilitate decompression. David E. Yount and David A. Lally. tabs Aviation, Space & Envmt Med 51:544-550 Jun '80

Oxygen enrichment accidents. MAC Flyer 27:6 Nov '80

Relation of breathing oxygen-argon gas mixtures to altitude decompression sickness. Julian P. Cooke and others. illus tabs Aviation, Space & Envmt Med 51:537-541 Jun '80

Restriction of grease for Liquid OXYgen (LOX) applications. TIG Brief 32:7 Mar 21 '80

OXYGEN EQUIPMENT

Aircraft oxygen equipment. Lt-Col V. Gorlov. Soviet Mil Rev No.5:45-46 May '80

High pressure nitrogen recharger cart. TIG Brief 32:17 Feb 8 '80

PACAF see Pacific Air Forces

PCS see Permanent Change of Station

PPBS see Planning-Programming-Budgeting System

PACIFIC AIR FORCES

See also

Air Force, 5th
Air Force, 13th

Pacific Air Forces. tab illus chart AF Mag 63:84-85
May '80

Pacific Air Forces: A forward defense strategy.
(Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen James D. Hughes. AF Plcy Ltr for Comdrs: Sup No.2:14-23
Feb '80

PACIFIC COMMAND

Hawaii: Sun, sand, and MTMC-FOP (Field Office Pacific). Col John W. Perry, Jr. Translog 11:1-2
Oct '80

Pacific Air Forces: A forward defense strategy.
(Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen James D. Hughes. AF Plcy Ltr for Comdrs: Sup No.2:14-23
Feb '80

PACIFIC FLEET see Fleet, 7th

PACIFIC ISLANDS

Cleaning up after the bomb: Peacetime perils on a Pacific atoll (Enwetak). Claudia Nichols. illus
AF Times, Times Magazine sup:4-8+ Jun 2 '80

PACIFIC REGION

"Pacific Community": Another bloc? A. Tselev. Soviet
Mil Rev No.9:53-54 Sep '80

Strategic Importance

Pacific Air Forces: A forward defense strategy.
(Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen James D. Hughes. AF Plcy Ltr for Comdrs: Sup No.2:14-23
Feb '80

U.S. security interests in the South Pacific. Elliott
Hurwitz. map Asian Def J No.5:129-130 Sep-
Oct '80

PACIFISM

American pacifists: The peculiar breed. Leslie Anders. illus Parameters 10:46-50 Sep '80

PACKAGING see Containers

PACKING FOR SHIPMENT

Military packaging. Robert A. Baker. illus Def
Trans J 36:22-26 Jun '80

Packaging for fragile aircraft and missile guidance components. Matthew A. Venetos and Frank C. Jarvis. illus tabs AF J Log 4:9-11 Summer '80

The spectre of Isandhlwana. Capt John R. Drebus. illus Armor 89:28-29 Sep-Oct '80

PACTS see Treaties and Alliances

PADDEN, Maurice C.

(443d Military Airlift Wing and military airlift training) Interview. BrigGen Maurice C. Padden. por
Airlift Ops Rev 2:1-8 Oct-Dec '80

PAIGE, Emmett, Jr

System engineering--the key to effective transition/evolution of Army C³ systems. MajGen Emmett Paige, Jr. Signal 34:17-21 Jul '80

PAKISTAN

The agony of Pakistan. L. Thomas Walsh. illus map
Armed Forces J Intl 117:24+ May '80

The superpowers and the Northern Tier. Zalmai Khalilzad. Intl Sec 4:6-30 Winter '79/'80

Foreign Policy

Pakistani geopolitics: The diplomatic perspective. Sultan Muhammed Khan. Intl Sec 5:26-36 Summer '80

Foreign Relations

Russia

Soviet ambitions in South Asia. A. G. Noorani. Intl
Sec 4:31-59 Winter '79/'80

United States

Pakistani geopolitics: The diplomatic perspective. Sultan Muhammed Khan. Intl Sec 5:26-36 Summer '80

Politics and Government

The military in contemporary Pakistan. Shirin Tahir-Kheli. tabs Armed Forces & Soc 6:639-653 Summer '80

PALMER, Frederick F.

Naval Reserve Chief (RADM Frederick F. Palmer) stresses perspective. Officer 56:14 Aug '80

RADM Palmer outlines rationale behind cancelled pay drills. Officer 56:11 Jul '80

Reserve Chief Palmer speaks out (about the Naval Reserve at ROA's recent Mid-Winter Conference). RADM Fred Palmer. por Officer 56:10 Apr '80

PANAMA

Panama adventure. (Army Jungle Operations Training Center, Fort Sherman) Steve Abbott. illus
Soldiers 35:6-10 Dec '80

PANAMA CANAL

Black Fury. (Joint training exercise in Panama to test Southern Command's ability to defend the Panama Canal) TSgt Tim Zane. illus Air Reservist 32:
12-13 May '80

MTMC opens Panama terminal. Diane M. Dove. illus
Translog 11:2-3 Apr '80

Military aspects of the Panama Canal issue. LtCol Jack Child. illus maps US Nav Inst Proc 106:46-51
Jan '80

PARACHUTE JUMPING

Electroencephalographic recordings during parachute jump sessions. P. Gauthier and others. illus Aviation, Space & Envmt Med 51:336-338 Apr '80

An exchange of wings over West Virginia. (Select members of the Canadian Airborne Regiment participate in Pierce Memorial Jump Fest, Camp Dawson, WV) Pamela A. Kane. illus Natl Guard 34:15-17 Nov '80

HALO (High Altitude, Low Opening parachuting) is not for angels. Sgt1C Ron Freeman. illus Soldiers 35:27 Apr '80

The jump: It took only a moment of carelessness. Gilbert L. Parker. illus AF Times, Times Magazine sup:18-19+ Dec 8 '80

PARACHUTES

Improved escape system parachute. illus Mil Rev 60: 86 Sep '80

Parachute repack errors. TIG Brief 32:10 Nov 28 '80

PARAMILITARY FORCESIndia

Paramilitary forces in India. K.P. Misra. tabs Armed Forces & Soc 6:371-388 Spring '80

Malaysia

Paramilitary police forces: Focus on the Royal Malaysia Police. Zara Dian. illus Asian Def J No. 3: 76+ May-Jun '80

Rumania

Defense and mass mobilization in Romania. David P. Burke. Armed Forces & Soc 7:31-49 Fall '80

PARARESCUE

AF in 'greatest maritime rescue.' (Ocean liner Prinsendam) SSgt Andrew Flood. AF Times 41:4 Nov 3 '80

Combat survival: Key to rescue. SMSgt Gerald H. Smith. illus Air Reservist 32:13+ Apr '80

Cope Thunder ... plus. Capt Michael W. Ritz. illus Air Reservist 32:18-19 Jun '80

Deep sea rescue. Maj Richard Weissbard and John Sullivan, Jr. illus Air Reservist 32:18-19 Apr '80

Mission King Six One. Capt Michael W. Ritz. illus map Natl Guard 34:16-19 Mar '80

Of this are heroes made. (MSGT Wayne L. Fisk, one of U.S. Jaycees' 10 Outstanding Young Men of America) Sgt Craig Pugh. illus Airman 24:20-26 Jul '80

Rescue and recovery units compete in SAREX '80. illus AF Mag 63:30 Aug '80

Shortcut to survival. Capt Dick Sheffield. illus Airman 24:44-48 Jul '80

PARASITE AIRPLANES see Airplanes, ParasitePARATROOPS

Attitudes of U.S. Army paratroopers toward participation in the quelling of civil disturbances. William C. Cockerham and Lawrence E. Cohen. tabs J Pol & Mil Sociol 7:257-269 Fall '79

PARTICLE-BEAM WEAPONS see Beam WeaponsPASSPORTS

Passports lacking. AF Times 41:14 Nov 24 '80

Philippines requires kin entry visas. AF Times 41:13 Aug 25 '80

PATENTS

Government data policy: Is it a threat to U.S. technology? Charles S. Haughey. Def Sys Mgt Rev 3:96-103 Summer '80

Unwary inventors can lose a lot. AF Times 40:36 May 12 '80

PATRIOTISM

National unity resource of value. (Keynote address, Army Section ROA, Washington, Feb 21, 1980) Gen Edward C. Meyer. illus Officer 56:14-15 Apr '80

Patriotism and strength. GySgt Thomas G. Poulk. MarCor Gaz 64:24 Nov '80

Patriotism lies in nation's soul. Gen Robert E. Huyser. illus Officer 56:12-13 Jul '80

Traditions of duty. Gen Alton D. Slay. TIG Brief 32: 1-2 Jun 13 '80

PATROL BOATS

FPB (Fast Patrol Boats) weapon systems. (Reprinted from Electronic Warfare/Defense Electronics, Dec 1978). illus map Asian Def J No. 2:86+ Mar-Apr '80

Fish stories. ENS Christopher A. Abel. illus map US Nav Inst Proc 106:61-65 Dec '80

Hydrofoils--the ideal EEZ (Extended Economic Zones) patrol craft? Brian Walters. illus Asian Def J No. 3:108+ May-Jun '80

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No. 2:100+ Mar-Apr '80

Lürssen strengthens stake in FPB (Fast Patrol Boat) market. Intl Def Rev 13, No. 8:1216 '80

Naval operations in the Persian Gulf: Small ship waters. Milan Vego. illus Def & For Aff 8:18-20 Aug '80

Norway's new armed coastguard vessels. Derek Wood. illus tab Intl Def Rev 13, No. 8:1213-1215 '80

Role of small naval craft in Asia. Benjamin S. L. Smith. illus Asian Def J No. 2:97-98 Mar-Apr '80

PATROL BOATS - Continued

Saettia: A 2d generation naval combatant. Stefan Geisenheyner. illus Asian Def J No.2:34-36+ Mar-Apr '80

Small is great--FACs (Fast Attack Craft) in modern naval warfare. illus Armada Intl 4:28-30+ Mar-Apr '80

Tactical employment of Soviet FPBs. Milan N. Vego. illus US Nav Inst Proc pt 1, 106:95-98 Jun '80; pt 2, 106:106-111 Jul '80

PATROLSSee also

Airplanes in Patrol Work
Helicopters in Patrol Work

Actions of the advance guard. Capt Stephen W. Miller. MarCor Gaz 64:20-21 Apr '80

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No.2:100+ Mar-Apr '80

On the frontier of freedom. SP5 Gary L. Kieffer. illus Soldiers 35:14-18 Dec '80

Role of small naval craft in Asia. Benjamin S. L. Smith. illus Asian Def J No.2:97-98 Mar-Apr '80

Special mission aircraft: Gates Learjet. illus tab Asian Def J No.3:90-92 May-Jun '80

PATTILLO, Charles C.

Twin generals (LtGen Charles C. Pattillo, MajGen Cuthbert A. Pattillo) part after 28 years. AF Times 41:49 Sep 15 '80

PATTILLO, Cuthbert A.

Twin generals (LtGen Charles C. Pattillo, MajGen Cuthbert A. Pattillo) part after 28 years. AF Times 41:49 Sep 15 '80

PAULY, John W.

NATO air operations in the Central Region: Can we meet the threat? Gen John W. Pauly. NATO's Fifteen Nations Special Issue No.2:28+ '79

USAFE is ready but ... (Testimony before Special Subcommittee on NATO Standardization, Interoperability and Readiness, House Armed Services Committee) Gen John W. Pauly. AF Times 40:32-33 Feb 4 '80

The U.S. Air Force in Europe. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen John W. Pauly. AF Plcy Ltr for Comdrs: Sup No.2:6-13 Feb '80

United States Air Forces in Europe. por AF Mag 63:98-99 May '80

PAY, ALLOWANCES, ETCSee also pay and/or allowances by name, e.g.,

Bonuses	Incentive Pay
Clothing Allowances	Quarters Allowances
Dual Compensation	Retirement Pay
Flight Pay	Subsistence Allowances
Foreign Duty Pay	Travel Pay

PAY, ALLOWANCES, ETC - ContinuedAir Force--U.S.

AF chiefs make strong pay plea. Bruce Callander. AF Times 40:1+ Apr 7 '80

AF hopes for 'singles COLA,' mileage break, other benefits. Bruce Callander. tab AF Times 41:1+ Oct 6 '80

AFA policy paper: Defense manpower issues. AF Mag 63:75-77+ Nov '80

Benefits package gains in Congress: For some--better than pay raise. Bruce Callander. AF Times 40:1+ Feb 18 '80

Benefits package gains in Congress: Senate approves, House OK expected. Andy Plattner. AF Times 40:1+ Feb 18 '80

Benefits plan--a mixed bag. Bruce Callander. tabs AF Times 40:1+ Mar 3 '80

Bigger pay raise asked. Martha Lynn Craver. AF Times 40:1+ Apr 14 '80

Compensation: A new attitude. Joseph C. Zengerle. AF Times 40:20+ Jun 23 '80

Congressional pot awash with pay-benefits plans. Bruce Callander. AF Times 40:16 Apr 28 '80

Married fliers seen big gainers in BAS. AF Times 41:4 Sep 22 '80

Pay and retention. Karen E. Thuermer. illus tab Sergeants 18:22-25 Sep '80

Pay drove out pilots in 1979. Martha Lynn Craver. AF Times 40:3 Mar 24 '80

Pay recipe: Too many cooks. Bruce Callander. AF Times 40:20+ Apr 21 '80

USAF's personnel situation in the 1980s. Ed Gates. tab AF Mag 63:98-100 Sep '80

USAF's twenty-four-point compensation plan. Ed Gates. AF Mag 63:169 Sep '80

Views of Vice CINCMAC. Interview. LtGen Thomas M. Ryan, Jr. illus Airlift Ops Rev 2:2-10 Jan-Mar '80

White House would kill 2 items (variable housing allowance (VHA) and a 10 percent increase in the basic allowance for subsistence (BAS)) in pay package. Randy Shoemaker. AF Times 40:1+ Apr 14 '80

Armed Forces--Great Britain

British increase troop pay 16.8 percent. Jim Tice. AF Times 40:17 May 26 '80

Armed Forces--U.S.See also

Joint Uniform Military Pay System

Administration cools efforts to increase pay. Richard C. Barnard and Andy Plattner. AF Times 40:1+ Mar 24 '80

(American Enterprise) Institute recommends raises above inflation. AF Times 41:3 Dec 22 '80

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

BAQ plan stirs pay cut fears. Paul Smith. AF Times 40:7 May 26 '80

'Barracks' COLA lost; 'MALT-Plus' has chance. Martha Lynn Craver. AF Times 41:3 Dec 8 '80

Benefits: What about the losers? Bruce Callander. AF Times 40:14+ Feb 25 '80

Better incentives than pay hike? Bruce Callander. illus AF Times 41:22+ Dec 15 '80

Bill would up incentive pays. Andy Plattner. AF Times 40:1+ Feb 11 '80

Boost pay, benefits to end midlevel exodus. Gen David C. Jones. tabs AF Times 40:3-4 Feb 11 '80

Carter gets benefits bills. Martha Lynn Craver. AF Times 41:1+ Dec 22 '80

Carter tells DOD: Stop complaining about pay. Richard C. Barnard. AF Times 40:1+ Mar 17 '80

Carter's (budget) requests: Raise--bonus--benefits. Richard C. Barnard. AF Times 40:3 Feb 11 '80

College aid moves, pay raise stalled. Martha Lynn Craver. AF Times 40:1+ May 26 '80

Commander's approval of advance pay. TIG Brief 32:11 Nov 14 '80

Congress weighs range of raises. Martha Lynn Craver. tab AF Times 40:1+ Apr 21 '80

Cutting (military and civilian) pay link could hurt future raises. AF Times 40:4 Jun 23 '80

DOD: Benefits raise 'salary' 13.3 percent. tab AF Times 41:4 Oct 13 '80

DOD shelves HA (Housing Allowance) revamp this year. Richard C. Barnard. AF Times 40:4 Feb 4 '80

DOD told to draft new RMC (Regular Military Compensation). AF Times 41:3 Dec 29 '80

Defense bill includes \$1200 in tuition aid. Martha Lynn Craver. AF Times 41:1+ Aug 18 '80

(DefSec) Brown says no reallocation. AF Times 41:1+ Sep 29 '80

Details of pay raise, new benefits. Tables only. AF Times 41:5 Sep 22 '80

11.7 percent pay hike still short of full catchup to private. Tom Philpott. AF Times 41:3 Aug 11 '80

Extra raise, new GI Bill hinted by Reagan forces. Tom Philpott. AF Times 41:1+ Dec 8 '80

15 percent pay jump seen in proposals. AF Times 41:1+ Dec 15 '80

Fight brewing over split raise. Tom Philpott. tabs AF Times 40:1+ Jul 21 '80

Here's rundown of proposed benefit plans. Paul Smith. AF Times 40:4 Apr 21 '80

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

Hill (Congressional Budget Office) study--bigger pay raise is needed. Martha Lynn Craver. AF Times 40:1+ Jun 9 '80

Hill OKs doctor bill. AF Times 40:3 Jul 7 '80

Hill weighing 2 raise plans. illus AF Times 40:1+ Feb 4 '80

House OKs (FY 1981 Defense) budget, yearly CPI raise. AF Times 40:3 May 19 '80

House okays 2-step 10 percent boost in GI Bill. AF Times 41:4 Oct 6 '80

House panel (Appropriations Committee) OKs full benefits funding. Martha Lynn Craver. AF Times 41:3 Sep 22 '80

House passes 'fair benefits.' Martha Lynn Craver. AF Times 41:1+ Sep 29 '80

In Alaska ... COLA is a way of life. Elinor E. Matis. illus AF Compt 14:34-36 Jan '80

It's official: 11.7% raise and benefits package. AF Times 41:1+ Sep 22 '80

JCS: Don't reallocate. Tom Philpott. AF Times 41:1+ Sep 1 '80

Laird policy paper: Pay held responsible for retention problem. AF Times 40:4 Feb 4 '80

Memo offers alternative to Nunn-Warner (benefits package). Paul Smith. AF Times 40:24 May 5 '80

Military personnel problems reach crisis stage--Laird proposes sweeping compensation reforms as 'partial solution.' Melvin R. Laird. illus Sea Power 23:23-28 Mar '80

Nunn-Warner gets past Senate, heads for House. AF Times 41:3 Sep 1 '80

Nunn-Warner nears Hill OK. AF Times 41:3 Aug 18 '80

OK near on 11.7% hike and 'high 3.' Martha Lynn Craver. AF Times 41:1+ Aug 11 '80

O'sea singles COLA urged. Tom Philpott. AF Times 41:1+ Nov 24 '80

O'seas extension, extra \$\$ for EM: Fair benefits bill near Senate vote. Martha Lynn Craver. AF Times 41:1+ Dec 1 '80

The package. Editorial. AF Times 41:19 Sep 29 '80

Pay, benefits jumping \$4 billion this month. Tom Philpott. AF Times 41:4 Oct 6 '80

Pay, benefits laws: Here is rundown. AF Times 41:4 Sep 22 '80

Pay boost for the Armed Forces, effective October 1, 1980. Tables only. Soldiers 35:54-55 Nov '80

Pay inadequacies, "delinkage" pose major 1980 budget issue. Deborah G. Meyer. Armed Forces J Intl 117:13-14+ Feb '80

Pay must rise, DOD and Hill people say. AF Times 40:3 Feb 18 '80

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Pay, retiree limits mar benefits bills. Martha Lynn Craver. AF Times 40:1+ Jul 7 '80

Pay them more, Rand study says. illus AF Times 41:14 Dec 15 '80

The "people" side of strategic deterrence: Why the draft won't solve the problem either. Govt Exec 12:22-24 Mar '80

Pirie assesses benefits impact. Interview. Robert B. Pirie. illus AF Times 41:4 Sep 29 '80

President signs Nunn-Warner. illus AF Times 41:2 Sep 22 '80

Raise, benefits OK, funds face delay. Martha Lynn Craver. AF Times 41:1+ Sep 8 '80

Readiness report--problems linked to pay, benefits. AF Times 41:7 Oct 6 '80

Reagan, Anderson voice views on pay, manpower. illus AF Times 41:14 Oct 6 '80

Reagan made many promises. Bruce Callander. illus AF Times 41:3+ Nov 17 '80

Reallocation options studied. AF Times 41:12 Aug 25 '80

(Rep Patricia) Schroeder calls for 'skills audit.' AF Times 41:1+ Sep 8 '80

Rundown on legislative pay proposals. Martha Lynn Craver. tab AF Times 41:10-11 Jul 28 '80

Senate battle looms on 10.4% pay hike. Tom Philpott and Randall Shoemaker. AF Times 40:1+ Jan 21 '80

Senate okays 11.4% military pay hike while cutting retirement benefits. Deborah M. Kyle. tab Armed Forces J Intl 117:9 Aug '80

Senate OKs 11.7% hike; Carter can shift 25%. Martha Lynn Craver. AF Times 40:1+ Jul 14 '80

Senate panel (Appropriations Committee) OKs DOD money bill. AF Times 41:3 Dec 1 '80

Senate panel (Armed Services Committee) okays 11.7 percent pay raise. Martha Lynn Craver. AF Times 40:1+ Jun 23 '80

Senate panel (Budget Committee) told big pay hike needed. AF Times 40:10 Mar 17 '80

Senate ready to approve money resolution. AF Times 41:3 Oct 6 '80

Sen Tower: Bar 'cap,' shift \$\$ to key grades. AF Times 40:1+ Jun 16 '80

Sen Tower sees quick pay boost. Laurie Parker. illus AF Times 41:1+ Nov 24 '80

(Sen William) Armstrong asks catch-up pay increases. Martha Lynn Craver. AF Times 40:1+ Apr 28 '80

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

(Sen William) Armstrong sees hope for raise. Martha Lynn Craver. illus AF Times 41:1+ Dec 29 '80

Services urge Reagan to boost pay, benefits--retroactive 5.3 percent. Tom Philpott. AF Times 41:1+ Dec 29 '80

'Singles' COLA overseas urged. Tom Philpott. AF Times 41:1+ Nov 3 '80

'Soft spots' in pay report played down by Defense. AF Times 40:3 May 19 '80

Some benefits could appear by midmonth. AF Times 41:1+ Sep 15 '80

Special pay provision for military health professional outlined (in PL 96-284). tabs Officer 56:26 Sep '80

Step in the right direction. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 29 '80

23% BAS boost seen this fall. Bruce Callander. AF Times 41:1+ Sep 15 '80

Two top civilian leaders (Air Force Sec Hans Mark and Army Manpower Chief William E. Peacock) oppose pay reallocation. Tom Philpott. AF Times 41:3 Sep 8 '80

Where less is better. Gen T.R. Milton, Ret. AF Mag 63:45 May '80

Who's watching the troops? Bruce Callander. AF Times 40:20 Jan 7 '80

Zengerle--upbeat but cautious. Bruce Callander. AF Times 41:20+ Jul 28 '80

Army--U.S.

Army studying new pay plan--fogies may go. Larry Carney. AF Times 41:3 Dec 29 '80

Diary of a paycheck. SP5 B.J. Small. illus Soldiers 35: 47-49 Nov '80

History

Pay day ... end of the line. SP5 Philip Lawrence. (Reprinted from Soldiers, Sep 1979) illus AF Compt 14:14-15 Jan '80

National Guard--Air Force--U.S.

Federal pay bar for Res(erves) faulted. AF Times 41:12 Oct 20 '80

National Guard--Armed Forces--U.S.

'Military leave' pay still is unresolved. AF Times 41:14 Oct 27 '80

Navy--U.S.

Navy's chief (ADM Thomas B. Hayward) asks more people \$\$. Paul Smith. AF Times 40:3 Jan 7 '80

Retention: Is pay the #1 issue? LT Dan N. Edelstein. tabs US Nav Inst Proc 106:74-78 Jun '80

PAY, ALLOWANCES, ETC - ContinuedNavy--U.S. - Cont'd

The unique hardships of sea duty. CAPT Thomas M. Hale and Linda D. Pappas. illus tabs US Nav Inst Proc 106:67-73 Nov '80

Reserve Forces--Air Force--U.S.

Dr pay bill held no boon to Reserves. Len Famiglietti. AF Times 40:3 Jul 14 '80

Pay and 'erosion of benefits' main concern of top Reserve EM advisor (CMSgt Jack E. Roberts). Pat Dalton. AF Times 40:7 Jul 21 '80

Reserve Forces--Armed Forces--U.S.

'Military leave' pay still is unresolved. AF Times 41:14 Oct 27 '80

PEACE

Historic example of cooperation (on occasion of the 35th anniversary of the Yalta Conference). N. Glagolev. Soviet Mil Rev No. 1:36-38 Jan '80

Keeping the peace. Col N. L. Dodd. illus Asian Def J No. 1:4-5+ Jan-Feb '80

The Leninist peace policy in action. V. Yefremov. Soviet Mil Rev No. 2:48-50 Feb '80

On the frequency of war: Toward a reconciliation of state sovereignty and world order. Henry Barbera. tab J Pol & Mil Sociol 8:257-268 Fall '80

Peacekeeping and the Inter-American system. LtCol John Child, Ret. tabs Mil Rev 60:40-54 Oct '80

Prospects for peace in the nuclear world. Arthur J. Vidich. J Pol & Mil Sociol 8:85-97 Spring '80

Shifting sands of peace in the Middle East. Mohamed Sid-Ahmed. Intl Sec 5:53-79 Summer '80

The Sinai field mission: A step toward peace in the Middle East. David A. Napoliello. map illus Parameters 9:20-27 Dec '79

PEACOCK, William E.

Two top civilian leaders (Air Force Sec Hans Mark and Army Manpower Chief William E. Peacock) oppose pay reallocation. Tom Philpott. AF Times 41:3 Sep 8 '80

PEARL HARBOR, 1941

A handful of pilots. LtCol Joseph L. Potter. illus Educ J 22:81-83 AY '79/'80

Like swatting bees in a telephone booth. CDR Ted Hechler, Jr, Ret. illus US Nav Inst Proc 106:72-74 Dec '80

PEEK, Kenneth L., Jr

What must be our foremost concern? BrigGen Kenneth L. Peek, Jr. TIG Brief 32:2 May 2 '80

PELLEGRINI, Benjamin J.

Army missiles. BrigGen Benjamin J. Pellegrini and Maj Jim McCullough. por Armor 89:44-47 Sep-Oct '80

PENTAGON COMMUNICATIONS COMMAND

Maintaining power at the Pentagon. illus Signal 35:84 Sep '80

PERFORMANCE REPORTS see Airman Performance Reports; Effectiveness Reports

PERIODICALS

See also
Newspapers

United States

An examination of professional concerns of naval officers as reflected in their professional journal. CAPT L.F. Brooks. illus tabs Nav War Col Rev 33:46-56 Jan-Feb '80

Keep telling it like it is. LtCol Robert W. Smith, Ret. MarCor Gaz 64:63-66 Jun '80

PERISCOPES

To see and not be seen--that is the problem. illus Def Elect 12:78+ Oct '80

PERMANENT CHANGE OF STATION

The ABCs of PCSing. SgtMaj Bruce Bant. illus Soldiers 35:31-34 May '80

Coast Guard continuing to get higher PCS \$\$\$. AF Times 41:10 Oct 20 '80

Commander's approval of advance pay. TIG Brief 32:11 Nov 14 '80

Do-it-yourself--the best move we ever made. W. Beirne Keefer. illus AF Times, Times Magazine sup:42-44+ Jun 2 '80

Education, transportation, and the three "Rs." Bob Waldman. illus Translog 11:6-8 Mar '80

Navy asks higher PCS rate. AF Times 40:8 Jun 2 '80

PCS checklist can save dollars. Len Famiglietti. AF Times 41:7 Sep 15 '80

PCS moves: Actions to ease \$\$ crunch. Len Famiglietti. AF Times 40:1+ May 26 '80

PCS moves: Financial bind getting attention. Len Famiglietti. AF Times 41:1+ Aug 11 '80

Panel (Defense Per Diem Committee) asks higher HH goods weight allowances. tab AF Times 41:17 Dec 29 '80

Support centers for kin, INTRO (Individualized Newcomer Treatment and Orientation) expansion pushed. AF Times 41:14 Oct 20 '80

TLF (Temporary Lodging Facilities) conversion not automatic. AF Times 40:10 Jun 23 '80

\$35-a-day travel asked immediately. AF Times 40:4 Jan 21 '80

PERRY, William J.

(Complex problems we face in maintaining defense preparedness) Interview. William J. Perry. por Natl Def 65:50-55 Oct '80

PERRY, William J. - Continued

(Finding an equalizer for disparity in equipment) (Key-note luncheon address, AFCEA Convention, Washington, June 24, 1980) William J. Perry. *For Signal* 34:13+ Aug '80

Sec Brown under oath on 'Stealth.' Martha Lynn Craver. *AF Times* 41:3 Sep 15 '80

Statement by Dr William J. Perry, House Armed Services Investigating Subcommittee, 4 September 1980. *For Armed Forces J Intl* 118:22+ Oct '80

'Stealth' aircraft invisible to radar (Def Sec Brown has announced). *AF Times* 41:12 Sep 8 '80

'Stealth' aircraft technology. Harold Brown and William J. Perry. *AF Plcy Ltr for Comdrs: Sup*, pp 9-11, Oct '80

PERSHING, John J.

"Over There": The Pershing story. Donald Smythe. *For Army* 30:34-38 Dec '80

PERSIAN GULF REGION

Defence problems in the Persian Gulf. Robert Elliot. *illus tab NATO's Fifteen Nations* 25:39-42 Oct-Nov '80

Economic integration: Nascent linkages. Richard D. Erb and Nebil N. al-Shawaf. *AEI For Plcy & Def Rev* 2, No.3-4:70-76 '80

Filling the vacuum in (Persian) Gulf security. Hassan el Badri. *Armed Forces J Intl* 117:32+ Feb '80

Middle-Eastern maelstrom. Robin N. Montgomery. *illus map Natl Def* 64:28-32+ Jun '80

The military balance in the Persian Gulf: Who will guard the Gulf States from their guardians? Abdul Kasim Mansur. *illus map tabs Armed Forces J Intl* 118:44-46+ Nov '80

Naval operations in the Middle East. VADM Gerald E. Miller, Ret. *illus Islamic Def Rev* 5, No. 1: 10-13+ '80

The Persian Gulf. Maj Maxwell O. Johnson. *illus map MarCor Gaz* 64:49-52 Jul '80

Political relations among the Arab Gulf states: Developments and prospects. Emile A. Nakhleh. *AEI For Plcy & Def Rev* 2, No.3-4:77-81 '80

The Rapid Deployment Joint Task Force. LtCol Thomas M. Johnson and LCDR Raymond T. Barrett. *illus US Nav Inst Proc* 106:95-98 Nov '80

Regionalism and the law of the sea: The Persian Gulf perspective. Charles G. MacDonald. *illus Nav War Col Rev* 33:73-81 Sep-Oct '80

The search for U.S. bases in the Indian Ocean: A last chance. ADM Thomas H. Moorer, Ret and Alvin J. Cottrell. *illus map Strat Rev* 8:30-38 Spring '80

Security considerations in the Persian Gulf. Hermann F. Eilts. *Intl Sec* 5:79-113 Fall '80

PERSIAN GULF REGION - Continued

Security risks and reactions. Les Janka. *AEI For Plcy & Def Rev* 2, No.3-4:82-88 '80

Strategic Importance

AFA Convention address. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Gen Lew Allen, Jr. *AF Plcy Ltr for Comdrs: Sup*, pp 7-12, Nov '80

Ahead: A chasm of capability. R. James Woolsey and Michael Moodie. *illus map Sea Power* 23:45-46+ Nov '80

The key message: Military forces can do little to help reduce the risks of Western dependence on oil imports. *tab Armed Forces J Intl* 118:82-86 Nov '80

Naval operations in the Persian Gulf: Small ship waters. Milan Vego. *illus Def & For Aff* 8:18-20 Aug '80

The Persian Gulf and Southwest Asia: Interests & strategies. Harold Brown. *illus Defense* /80, pp 2-9, Jun '80

Security considerations in the Persian Gulf. Hermann F. Eilts. *Intl Sec* 5:79-113 Fall '80

The Soviet invasion of Afghanistan: Methods, motives, and ramifications. Capt Joseph J. Collins. *illus Nav War Col Rev* 33:53-62 Nov-Dec '80

The stability of the Gulf. Maj H. Al-Thani. *Hawk* No.40:29-34 Feb '80

A Western force for East of Suez. Frank Uhlig, Jr. *Armed Forces J Intl* 117:39+ Aug '80

What are U.S. interests? (Presentation, Council on Foreign Relations, New York, March 6, 1980) Harold Brown. *AF Plcy Ltr for Comdrs: Sup*, pp 2-10, May '80

PERSONAL AFFAIRSSee also

Loans, Personal
Wills

Garnishment: State actions cause woes. Tom Philpott *AF Times* 40:1+ Jan 7 '80

Personal problems: A 'voice in the wilderness.' TIG Brief 31:8 Dec 21 '79

Plan for tomorrow ... Helen Kay Ellsworth. *tabs Soldiers* 35:50-52 Jul '80

Putting the 'personal' back into the personal financial management program. 1stLt Carla K. Smith. *illus AF Compt* 14:12-13 Jul '80

PERSONAL APPEARANCE

Appearance and attitude. TIG Brief 32:7 Feb 22 '80

The Broom technique: NCO's cure for 'shaving bumps.' Jane O'Hare. *illus AF Times* 40:51 Jun 16 '80

The dress blues: Servicemen don't have to be afraid of civvies. Michele McCormick. *illus AF Times, Times Magazine* sup:18-19+ Jan 14 '80

PERSONAL APPEARANCE - Continued

Guide to treating 'shaving bumps' revised. Pat Dalton.
AF Times 41:2 Sep 8 '80

Reg (AFR 35-10) limits hair styles. Pat Dalton. illus
AF Times 41:1+ Nov 17 '80

Spit & polish. SP5 Lana Ott. illus Soldiers 35:6-9
May '80

The utility uniform: What about emblems? Pat Dalton
illus AF Times 41:7 Dec 8 '80

PERSONAL EQUIPMENT

See also items by name, e.g.,

Clothing, Protective	Parachutes
Helmets	Survival Equipment

Functional organizational clothing and footwear items.
TIG Brief 32:8 Feb 8 '80

A human performance/workload evaluation of the
AN/PVS-5 bifocal night vision goggles. Lewis W.
Stone and others. illus tabs Aviation, Space &
Envmt Med 51:797-804 Aug '80

Pilot combat survival takes new aim in '80s. illus
AF Times 40:14 Mar 10 '80

Rhubarb over garb nothing new. Bruce Callander.
illus AF Times 41:20+ Nov 3 '80

Shades of gray. (Photochromic glasses) MAC Flyer
27:23 Mar '80

Use of contact lenses by flying personnel. TIG Brief
32:10 Sep 26 '80

PERSONAL PROPERTY see Household EffectsPERSONNEL

For strength of the Services see subdivision Statistics
under the respective Services, e.g., Air Force--
United States--Statistics.

See also

Manpower, Military
Retention of Military Personnel

Air Force--U.S.

AF seeks people \$\$\$. Don Mace. AF Times 40:1+
Jan 21 '80

Air Force spoken here. (AF's Chief of Staff has a
varied and complete background) LtCol Terry A.
Arnold. illus Airman 24:26-31 May '80

From theory to action: Implementing job enrichment
in the Air Force. LtCols Denis D. Umstot and
William E. Rosenbach. illus AU Rev 31:74-81 Mar-
Apr '80

GOs, O-6s to get base feedback. Len Famiglietti. AF
Times 41:1+ Aug 25 '80

Notes from the Palace Dollar team. Maj Gary G.
Payne. illus tabs AF Compt 14:35 Jul '80

OSI needs people. AF Times 40:18 Feb 18 '80

Quality force is aim of new guide to field. Len Famig-
lietti. AF Times 41:1+ Aug 18 '80

PERSONNEL - ContinuedAir Force--U.S. - Cont'd

USAF's personnel situation in the 1980s. Ed Gates.
tab AF Mag 63:98-100 Sep '80

Statistics

Racial balance called vital to AVF effectiveness. Tom
Philpott. tab AF Times 41:10 Nov 24 '80

Armed Forces--Russia

Fully-fledged citizen (Soviet serviceman). Col L.
Fyodorov. illus Soviet Mil Rev No.6:27-28 Jun '80

Armed Forces--U.S.

Gays and the military: An emerging policy issue.
William P. Snyder and Kenneth L. Nyberg. tab
J Pol & Mil Sociol 8:71-84 Spring '80

The "people" side of strategic deterrence: Why the
draft won't solve the problem either. Govt Exec
12:22-24 Mar '80

Training and personnel systems technology: A boost
to readiness. CDR Paul R. Chatelier. illus Def
Mgt J 16:2-5 Second Quarter '80

Who's watching the troops? Bruce Callander. AF
Times 40:20 Jan 7 '80

Youth survey: Dissatisfaction with military jobs. Tom
Philpott. AF Times 41:14 Aug 4 '80

Army--U.S.

The Army's match game: Man to machine. James D.
Baker. illus tab Def Mgt J 16:20-25 Second Quar-
ter '80

Individual replacements: There must be a better way.
Capts Edward R. Maher and Peter F. Kindsvatter.
illus Army 30:37-40 May '80

Morale, proficiency, and discipline. Maj Stephen D.
Wesbrook. tabs J Pol & Mil Sociol 8:43-54
Spring '80

Nunn's "save the Army" campaign: Battle over--or
just begun? R. James Woolsey. Armed Forces J
Intl 117:10 Aug '80

The Railey report and Army morale, 1941: Anatomy
of a crisis. Maj Stephen D. Wesbrook. illus Mil
Rev 60:11-24 Jun '80

Toward cohesion, stability: A 'reciprocal commit-
ment.' LtGen Robert G. Yerks. illus Army 30:98-
101+ Oct '80

The worsening plight of the 'Army's own.' SMA Wil-
liam A. Connelly. illus Army 30:9-11 Apr '80

You can't run an army like a corporation. Col D. M.
Malone and Donald D. Penner. illus Army 30:39-41
Feb '80

Navy--U.S.

Confronting the Navy's manpower dilemma. Bernard
Rimland and Gerald E. Larson. illus tabs Def
Mgt J 16:30-34 First Quarter '80

Leadership for renewal. (Prize Essay, 1980) Officer
Candidate Glenn A. Daley. US Nav Inst Proc 106:
78-82 Jul '80

PERSONNEL - ContinuedNavy--U.S. - Cont'd

Military effectiveness of Navy men during and after Vietnam. Anne Hoiberg. tabs Armed Forces & Soc 6:232-246 Winter '80

Retention: Is pay the #1 issue? LT Dan N. Edelstein. tabs US Nav Inst Proc 106:74-78 Jun '80

Retention: The pressure is on. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 106:40-45 Apr '80

A ship is not a home. LCDR L.E. Goodnight. US Nav Inst Proc 106:104-105 Mar '80

The unique hardships of sea duty. CAPT Thomas M. Hale and Linda D. Pappas. illus tabs US Nav Inst Proc 106:67-73 Nov '80

PERSONNEL ADMINISTRATION

The aviation commander--new challenges during the 1980s. LtCols E.H. Grayson, Jr and J.W. Lloyd. illus USA Avn Dig 26:6-9 Nov '80

Aviation personnel management. LtCol Joe D. Carothers. illus tabs USA Avn Dig 26:2-4 Nov '80

Battalion admin is a mistake. 1stLt J.E. Price. MarCor Gaz 64:20-21 Jul '80

The care and feeding of lieutenants. TIG Brief 32:13-14 Dec 12 '80

Confronting the Navy's manpower dilemma. Bernard Rimland and Gerald E. Larson. illus tabs Def Mgt J 16:30-34 First Quarter '80

Dealing with people: Sometimes a tough job. TIG Brief 32:15-16 Nov 28 '80

From theory to action: Implementing job enrichment in the Air Force. LtCols Denis D. Umstot and William E. Rosenbach. illus AU Rev 31:74-81 Mar-Apr '80

GSA region scores with word processing. Robert M. Redmond. Govt Exec 12:48-50 Apr '80

Getting the job done without getting done in by the jobs. MajGen Richard C. Schulze. illus MarCor Gaz 64:42-46 Oct '80

Job enrichment: Getting your people involved to improve the job. TIG Brief 32:10 Jul 25 '80

Maintenance: Who failed? TIG Brief 32:5 May 16 '80

Management by P's and Q's (Personnel and Quadrants). Capt Robert C. Teel. illus AF Compt 14:36-37 Jul '80

The manpower management puzzle. Robert B. Pirie, Jr. Def Mgt J 16:46-47 Third Quarter '80

The mission ... and the man. LtCol Jim Bustle. tabs TAC Attack 20:4-7 Aug '80

Monitoring orthodox job enrichment. Frederick I. Herzberg and Margaret W. Miner. illus Def Mgt J 16:30-36 Second Quarter '80

New (Electronic Security) Command has career plan going. AF Times 41:38 Nov 3 '80

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:29 Jan '80

PERSONNEL ADMINISTRATION - Continued

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:36 Apr '80

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:34 Jul '80

Notes from the computer resource managers. Maj Wayne Traywick and SMSgt Phil Barrick. illus AF Compt 14:30 Oct '80

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

O'seas kin jobs get OPM boost. Don Mace. AF Times 41:1+ Aug 25 '80

Performance appraisal as a personnel development aid. CDR William T. Hood, Jr. US Nav Inst Proc 106:104-105 Dec '80

Personal problems: A 'voice in the wilderness.' TIG Brief 31:8 Dec 21 '79

Personnel error. TIG Brief 32:11-12 Oct 17 '80

Pour more energy into human factor. Interview. MajGen Richard Carr. AF Times 41:5 Aug 18 '80

Project Improve--an MBO success story. MajGen John S. Crosby. Army Log 12:24-25 Jan-Feb '80

Rated prioritization--setting the record straight. Col Henry Viccellio, Jr. Aerosp Safety 36:20-22 Jun '80

Revival of the dead-end career. David A. Pyle. illus tabs Def Mgt J 16:58-62 Second Quarter '80

The scope of bargaining under the Civil Service Reform Act of 1978. Capt Ralph J. Capio. AF Law Rev 20, No. 4:493-500 '78

September song. Maj Pete Abler. illus TAC Attack 20:24-25 Sep '80

Structure, environment, and satisfaction: Toward a causal model of turnover from military organizations. Allen C. Bluedorn. illus tabs J Pol & Mil Sociol 7:181-207 Fall '79

Supervisors: Can you really affect productivity, morale, or career intent? Col Guy H. Winstead, Jr. TIG Brief 32:1-2 Apr 4 '80

Tapping the initiative of our young people. TIG Brief 32:10 Apr 18 '80

Toward cohesion, stability: A 'reciprocal commitment.' LtGen Robert G. Yerks. illus Army 30:98-101+ Oct '80

What must be our foremost concern? BrigGen Kenneth L. Peek, Jr. TIG Brief 32:2 May 2 '80

PERSONNEL CLASSIFICATIONAir Force--U.S.

Bonus boost may spur many to re-up longer. Pat Dalton. AF Times 41:4 Sep 22 '80

Disaster (preparedness career) field to 'grow its own.' AF Times 41:4 Sep 8 '80

PERSONNEL CLASSIFICATION - ContinuedAir Force--U.S. - Cont'd

- 89 skills, Zone C plan added to SRB program. Pat Dalton. AF Times 41:1+ Oct 13 '80
- More EM will retrain in lower NCO grades. AF Times 41:1+ Dec 22 '80
- OSI needs people. AF Times 40:18 Feb 18 '80
- Palace Balance letters no cause for panic. Len Famiglietti. AF Times 41:2 Dec 8 '80
- Rated prioritization--setting the record straight. Col Henry Viccellio, Jr. Aerosp Safety 36:20-22 Jun '80
- Recruiting: Job choice system improved. Pat Dalton. AF Times 41:6 Jul 28 '80
- 33 skills will be added to re-up bonus Oct 1. Pat Dalton. AF Times 41:1+ Sep 15 '80
- Three more AFSCs get re-up bonus. Pat Dalton. AF Times 41:3 Nov 10 '80
- Voice processing excellent bonus bet. AF Times 40:8 Jul 14 '80
- Volunteer pool empty for special EM jobs. Len Famiglietti. AF Times 41:10 Oct 20 '80
- Women get more specialties. AF Times 40:3 Jun 23 '80

Armed Forces--U.S.

- (Rep Patricia) Schroeder calls for 'skills audit.' AF Times 41:1+ Sep 8 '80

Army--U.S.

- SQT. Natl Guard 34:28-29 Oct '80
- SQT (Skill Qualification Test) update. illus Soldiers 35:19-21 Apr '80
- The total military intelligence officer: Intelligence systems managers. Maj Albert E. Warburton III. illus tabs Mil Rev 60:27-41 Apr '80

Reserve Forces--Air Force--U.S.

- EM in critical skills due \$600 Ready Reserve bonus. AF Times 41:26 Dec 22 '80

PETROLEUM

- Management of Recoverable and Waste petroleum products (R&W). TIG Brief 32:6 Jul 25 '80
- Possibility: Aviation fuel from oil-shale. John Ginovsky. AF Times 40:10 May 19 '80
- Renewing the physical plant (of the Coast Guard). RADM Donald C. Thompson. illus tabs US Nav Inst Proc 106:79-86 Oct '80
- Theft of waste petroleum products. TIG Brief 32:13 Aug 8 '80
- What's happening to waste POL (Petroleum, Oil, and Lubricants)? TIG Brief 32:20 Feb 8 '80

PETROLEUM - ContinuedSupply and Distribution

- DOE rejects 80 AAFES petitions: Exchanges keep asking gas boost. Karen McKay. AF Times 40:4 Apr 28 '80
- Energy, America, and the military--can we get there from here? LtCol Joseph A. Breen. illus tabs AU Rev 32:42-55 Nov-Dec '80
- Energy issues and time availabilities. John Patrick Walsh. illus AU Rev 32:17-33 Nov-Dec '80
- The impact of the energy problem on world affairs. John Patrick Walsh. Log Spectrum 14:9-14 Summer '80
- NATO and oil: Conflict and capabilities. Maj Chris L. Jefferies. illus AU Rev 31:35-46 Jan-Feb '80
- Operating a tactical marine terminal. Capt Roger W. McHenry. illus Army Log 12:20-23 Sep-Oct '80
- Tremors in world oil: The consequences of Iran. Melvin A. Conant and Charles K. Ebinger. Intl Sec Rev 5:27-42 Spring '80
- U.S. faces stiffer competition for oil. AF Times 41:39 Nov 10 '80
- The world oil crisis and U.S. power projection policy: The threat becomes a grim reality. Bridget Gail. illus Armed Forces J Intl 117:25-27+ Jan '80
- World oil production and security of supplies. Ray Dafter. tabs Intl Sec 4:154-176 Winter '79/'80

Indian Ocean Region

- Ahead: A chasm of capability. R. James Woolsey and Michael Moodie. illus map Sea Power 23:45-46+ Nov '80

Middle East

- Shifting sands of peace in the Middle East. Mohamed Sid-Ahmed. Intl Sec 5:53-79 Summer '80
- Tremors in world oil: The consequences of Iran. Melvin A. Conant and Charles K. Ebinger. Intl Sec Rev 5:27-42 Spring '80

North Sea Region

- Norway: Maritime aviation booming. Knut Lovstuhagen. illus Interavia 35:150-151 Feb '80

Persian Gulf Region

- Ahead: A chasm of capability. R. James Woolsey and Michael Moodie. illus map Sea Power 23:45-46+ Nov '80
- The Gulf oil producers: Overview and oil policy implications. Richard D. Erb. tab AEI For Plcy & Dev Rev 2, No. 3-4:5-13 '80
- The key message: Military forces can do little to help reduce the risks of Western dependence on oil imports. tab Armed Forces J Intl 118:82-86 Nov '80

Saudi Arabia

- Saudi Arabia: The most oil and the most hope. map Armed Forces J Intl 118:70+ Nov '80

PETROLEUM - ContinuedUnited States

Why government amateurs can't solve energy problems. illus Govt Exec 12:38+ Jul '80

PETROLEUM INDUSTRY AND TRADE

NATO and oil: Conflict and capabilities. Maj Chris L. Jefferies. illus AU Rev 31:35-46 Jan-Feb '80

Tremors in world oil: The consequences of Iran. Melvin A. Conant and Charles K. Ebinger. Intl Sec Rev 5:27-42 Spring '80

U.S. faces stiffer competition for oil. AF Times 41: 39 Nov 10 '80

The world oil crisis and U.S. power projection policy: The threat becomes a grim reality. Bridget Gail. illus Armed Forces J Intl 117:25-27+ Jan '80

Norway

Flying the offshore oil rigs: Petroleum Helicopters Inc and Helikopter Service A/S. Marc Grangier. illus Interavia 35:596-599 Jul '80

Persian Gulf Region

The Gulf oil producers: Overview and oil policy implications. Richard D. Erb. tab AEI For Plcy & Dev Rev 2, No. 3-4:5-13 '80

United States

Flying the offshore oil rigs: Petroleum Helicopters Inc and Helikopter Service A/S. Marc Grangier. illus Interavia 35:596-599 Jul '80

GAO calls illegal \$4 million EM oil refund. AF Times 41:6 Oct 27 '80

100,000 EM to share unusual fuel \$ refund. Tom Philpott. AF Times 41:1+ Jul 28 '80

PHILIP, Duke of Edinburgh

Lord Louis. Prince Philip, Duke of Edinburgh. por US Nav Inst Proc 106:26-35 Feb '80

PHOTOGRAPHIC RECONNAISSANCE see Reconnaissance, AerialPHOTOGRAPHIC SURVEYING see Surveying by AirPHOTOGRAPHYSee also

Cameras

Forum of flight. Regular feature in some issues of American Aviation Historical Society Journal

PHOTOGRAPHY, AERIAL

Aerial survey photography. Marc Grangier. illus Interavia 35:1050-1054 Nov '80

Photo Finish. illus Air Reservist 32:8-9 Feb '80

PHOTOGRAPHY, MILITARY

As you see it. (Winners of AF photography contest) illus Airman 24:18-19 Aug '80

PHOTOGRAPHY, MILITARY - Continued

The faces of war. Philip R. Smith, Jr. illus Army 30:36-37 Jul '80

Images. (Military Photographer of the Year competition) SP5 Gary Kieffer. illus Soldiers 35:44-47 Sep '80

It's no snap. (Prizewinning AF photos in 1979 Military Photographer of the Year competition) illus Airman 24:39-43 Jul '80

Naval and maritime prize photography, 1980. Pictorial. US Nav Inst Proc 106:107-112 Oct '80

'A picture is worth a thousand ...' TIG Brief 32:9 May 16 '80

Top shots of the year. (1979 Military Photographer of the Year competition) illus AF Times 40:37-38 May 19 '80

PHOTOGRAPHY, SPACE

Satellite photos play alert role. AF Times 40:25 Jun 30 '80

PHYSICAL EDUCATION AND TRAINING

For better combat training. Col Yu. Demyanenko. illus Soviet Mil Rev No. 6:61-62 Jun '80

PHYSICAL EXAMINATIONS see Medical ExaminationsPHYSICAL FITNESS

Aerobic power and body fat of men and women during Army basic training. John F. Patton and others. tabs Aviation, Space & Envmt Med 51:492-496 May '80

Caffeine 80's--drug of abuse in the eighties? Col Richard B. Pilmer. illus tab Aerosp Safety 36:6-9+ Aug '80

A comparison of some indirect methods for predicting maximal oxygen uptake. M.H. Harrison and others. tabs Aviation, Space & Envmt Med 51:1128-1133 Oct '80

'DOC' (Doctors Ought to Care) wants to keep you healthy. Paul Smith. illus AF Times 41:39-40 Sep 29 '80

Development of "sports anemia" in physically fit men after daily sustained submaximal exercise. M.W. Radomski and others. tabs Aviation, Space & Envmt Med 51:41-45 Jan '80

Effects of a postexercise sauna bath on ECG pattern and other physiologic variables. Albert M. Paolone and others. tabs Aviation, Space & Envmt Med 51: 224-229 Mar '80

Fatigue in aviation operations. CDR Alan Steinman. Aerosp Safety 36:25 May '80

Fitness variables and the lipid profile in United States astronauts. M.A. Berry and others. tabs Aviation, Space & Envmt Med 51:1122-1126 Nov '80

Food as a compulsion. illus AF Times pt 1, When dieting goes beyond just staying thin. Terri Moon. 40:35 Jul 14 '80; pt 2, Obesity program takes cue from Alcoholics Anonymous. Donna M. Peterson. 40:39-40 Jul 21 '80

PHYSICAL FITNESS - Continued

- Food for thought. SqLdr John C. Griffiths. illus
Aerosp Safety 36:8-10 Nov '80
- Getting the lead out--helpful hints for otiose aircrew
members. illus MAC Flyer 27:14-15 Nov '80
- A guide to weight control. Maj Robert D. Brown. tab
MarCor Gaz 64:21-22+ Apr '80
- Heading off heart attack. SP5 Lana Ott. illus Soldiers
35:37-41 Feb '80
- Heat got ya'? illus TAC Attack 20:20 Jul '80
- The influence of U.S. Army basic initial entry training
on the muscular strength of men and women.
Joseph J. Knapik and others. illus tabs Aviation,
Space & Envmt Med 51:1086-1090 Oct '80
- Keepin' fit. Helen Kay Ellsworth. illus Soldiers 35:
13-15 Jan '80
- Maximal oxygen uptake: Its measurement, application,
and limitations. M.H. Harrison and others. tabs
Aviation, Space & Envmt Med 51:1123-1127 Oct '80
- Physiological effects of cold air inhalation during ex-
ercise. G. Harley Hartung and others. illus tabs
Aviation, Space & Envmt Med 51:591-594 Jun '80
- Professional quality medical evaluation of members
for special assignments. TIG Brief 32:7-8
May 30 '80
- Profiling 'fit' members. TIG Brief 32:8 Jul 25 '80
- Radionuclide perfusion images before and after car-
diac rehabilitation. Edwin Atwood and others. illus
tabs Aviation, Space & Envmt Med 51:892-898
Sep '80
- Reg (AFR 35-11) change trims weight standards. Len
Famiglietti. tab AF Times 41:1+ Nov 10 '80
- Running can be fun. TIG Brief 32:7 Dec 12 '80
- Sport scuba diving by USAF aircrew members. LtCol
Bruce E. Bassett. illus tab Aerosp Safety 36:5-7
Jul '80
- Summer operations--no sweat? Don't bet. WgComdr
Peter S. Wilkins. illus TAC Attack 20:18-19
Jul '80
- Tipping the scales opens the door to go out. Len Fa-
miglietti. tab AF Times 41:1 Nov 24 '80
- Training and acclimatization: Effects on responses to
exercise in a desert environment. Christine L.
Wells and others. tabs Aviation, Space & Envmt
Med 51:105-112 Feb '80

PHYSICALLY HANDICAPPED see Handicapped

PHYSICIANS

- DOD defends putting doctors behind desks. Paul
Smith. AF Times 41:22 Sep 1 '80
- A doctor's tour on the Eniwetok Atoll. Lloyd E. Dodd,
Jr. tabs Aviation, Space & Envmt Med 51:720-724
Jul '80

PHYSICIANS - Continued

- Family practice. Helen Kay Ellsworth. illus Soldiers
35:45-47 May '80
- 1500 dentists to train as emergency medics. Inter-
view. BrigGen Stanley C. Kolodny. AF Times 41:8
Nov 10 '80
- In search of Army doctors. MSgt Matt Glasgow. illus
Soldiers 35:16-19 Jan '80
- Malpractice claims up, costs down. AF Times 40:3
Mar 3 '80
- The medical connection: Trauma center (Maryland
Institute for Emergency Medicine Service) posses-
ses skilled Guardsmen. illus Natl Guard 34:8-10
Aug '80
- Medical Red Flag. illus Air Reservist 32:10-11
Feb '80
- Medical Red Flag. TSgt Steve Stibbens. illus Air Re-
servist 33:8-9 Nov '80
- Next Medical (Red) 'Flag' slated for Travis (AFB,
CA). AF Times 40:6 Jan 28 '80
- The picture of health. (Reviewing medical services
with AF Surgeon General LtGen Paul W. Myers)
MSgt David B. Drachlis. illus Airman 24:8-12
Apr '80
- Planning the Aerospace Medicine Program. TIG Brief
32:15 Jan 25 '80
- Project KEEP (Keep Each Eligible Person). TIG
Brief 32:8 Aug 8 '80
- Rand report: Give PAs bars. Len Famiglietti. AF
Times 40:3 Jun 23 '80
- Rank limits hurting PA morale. LtGen Paul W.
Myers. AF Times 40:4 May 26 '80
- (Rep Joseph) Addabbo repeats: Get docs out of
admin(istrative) jobs. AF Times 40:4 May 26 '80
- Self-made man. (Dr Mary Walker, Civil War medic)
illus Armed Forces J Intl 117:67 Apr '80
- Study (by Rand Corp) endorses physician extenders.
AF Times 40:17 Jun 30 '80
- Where are the ... doctors? John Moxley III. illus
tab Defense/80, pp 8-13, Dec '80

Salaries and Wages

- Dr pay bill held no boon to Reserves. Len Famiglietti.
AF Times 40:3 Jul 14 '80
- Hill OKs doctor bill. AF Times 40:3 Jul 7 '80
- Med bonus bill sent to Carter. AF Times 40:7
Mar 10 '80
- Nichols acts to get doc pay bill OK'd by July 1. AF
Times 40:4 Jun 30 '80
- Special pay provision for military health professional
outlined (in PL 96-284). tabs Officer 56:26 Sep '80

PHYSIOLOGICAL RESEARCH

- See also
Aviation--Physiological Aspects
Space Flight--Physiological Aspects

PHYSIOLOGICAL RESEARCH - Continued

- Active muscle torques about long-bone axes of major human joints. Ali Erkan Engin and Ints Kaleps. illus tabs Aviation, Space & Envmt Med 51:551-555 Jun '80
- Cardiovascular and sympathetic reactions to in-flight emergency responses among base fire fighters. Ben F. Hurley and others. tabs Aviation, Space & Envmt Med 51:788-792 Aug '80
- A comparison between freon and acetylene rebreathing for measuring cardiac output. Flemming Bonde-Petersen and others. illus tabs Aviation, Space & Envmt Med 51:1214-1221 Nov '80
- Comparisons of performance effectiveness among divers. Robert J. Biersner and others. tab Aviation, Space & Envmt Med 51:1193-1196 Nov '80
- Fitness variables and the lipid profile in United States astronauts. M.A. Berry and others. tabs Aviation, Space & Envmt Med 51:1122-1126 Nov '80
- Human responses to repeated high G simulated aerial combat maneuvers. Russell R. Burton. illus tabs Aviation, Space & Envmt Med 51:1185-1192 Nov '80
- The importance of ammonia in the metabolic effects of hydrazine. William N. Floyd, Jr. tabs Aviation, Space & Envmt Med 51:899-901 Sep '80
- Psychomotor performance during ozone exposure: Spectral and discriminant function analysis of EEG. J.A. Gliner and others. tabs Aviation, Space & Envmt Med 51:344-351 Apr '80

PIERRE, Percy A.

- Army outlook--smart weapons and digital secure communications. Percy A. Pierre. por Def Elect 12:65-66+ Nov '80
- (Producing modern Army equipment) (Sustaining members' luncheon address, AFCEA Convention, Washington, June 25, 1980) Percy A. Pierre. por Signal 34:22-24 Aug '80

PILOT ERROR

- Accidents--a different approach: Attitudes and priorities. Maj Wiley E. Greene. illus TAC Attack 20:24-25 Mar '80
- Accidents: The 'dumb pilot' syndrome. TIG Brief 32:17 Jan 11 '80
- The best pilot in the squadron. Maj Michael T. Fagan. illus Aerosp Safety 36:17-19 Jun '80
- The bucking bronco syndrome. Ronald R. Simmons. illus USA Avn Dig 26:44-47 Aug '80
- But I thought ... CDR V.M. Voge. (Reprinted from Approach, Aug 1980) illus Aerosp Safety 36:24-25 Oct '80
- Common sense ... basic to flying. LtCol Paul Kimminau. illus TAC Attack 20:10-11 Aug '80
- Crew confusion: Helicopter mishap with a moral. Aerosp Safety 36:26-27 Jul '80
- The day Charlie died. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Nov '80

PILOT ERROR - Continued

- Finger trouble. Roger Green. illus MAC Flyer 27:12-15 May '80
- For pilots only. Roger G. Crewse. Aerosp Safety 36:2-3+ Jan '80
- Hit my smoke. Maj David V. Froehlich. illus Aerosp Safety 36:12-13 Apr '80
- I lost a friend today. Capt Rick Millikin. Combat Crew 30:14-15 Jan '80
- Instrument related accidents. WgComdr Jeremy Saye. illus TAC Attack 20:14-15 Oct '80
- It can happen to you. Capt George Kerrigan. illus MAC Flyer 27:12-13 Jun '80
- Landings. Robert W. Harrison. illus Aerosp Safety 36:12-13 Jan '80
- The mission ... and the man. LtCol Jim Bustle. tabs TAC Attack 20:4-7 Aug '80
- Pieces of the puzzle. Maj Pete Abler. illus TAC Attack 20:28-30 Aug '80
- Post-flight critique. Col M. Igumentsev. illus Soviet Mil Rev No.4:34-35 Apr '80
- Pressing problems. Maj Jim Stewart. (Reprinted from Flight Comment, No. 1, 1980) illus Aerosp Safety 36:5-7 Sep '80
- "Pride goeth before ..." Capt Michael W. Ryan. illus MAC Flyer 27:4-6 Sep '80
- Programming your own computer. Robert E. Coward and William H. Nelson. TAC Attack 20:26-27 Sep '80
- Rules for survival. Maj Wayne Skora. illus TAC Attack 20:22-23 Feb '80
- Something is wrong. What should I do? Maj Terrell J. Osborn. illus Aerosp Safety 36:2-4 Sep '80
- Straight talk. George R. Jansen. illus MAC Flyer 27:13-15 Dec '80
- Tactical formation can be hazardous to your health. BrigGen Leland K. Lukens. Aerosp Safety 36:27 Nov '80
- Tell it like it is. Maj Roger Jacks. illus Aerosp Safety 36:8-9 Sep '80
- Three strikes and you're out. Maj John W. Lapointe. illus TAC Attack 20:22-23 Dec '80
- To err is human. Maj Wayne Griffith. illus TAC Attack 20:20-23 Apr '80
- To see or not to see. Maj Tom Shaughnessy and Capt Mike Shub. illus TAC Attack 20:26-29 Oct '80
- Two seconds too far. illus MAC Flyer 27:6-7 Mar '80
- The ultimate fuel crisis. illus MAC Flyer 27:7 May '80
- What you think you see ... sometimes isn't. Penelope Nelson. illus Aerosp Safety 36:20-23 Aug '80

PILOT ERROR - Continued

Which way is down? CDR V.M.Voge. (Reprinted from Approach, May 1980) illus Aerosp Safety 36:16-18 Jul '80

The will to leave equals the will to live in an ejection decision. Maj Bruce N.Cox. illus Aerosp Safety 36:12-13 Mar '80

PILOTSSee also

Aces

Astronauts

ACE (Accelerated Copilot Enrichment): Developing aircraft commanders. Capt George E.Walrond. Combat Crew 30:26-28 Jun '80

Air discipline, brains, roe, mindrolling, and wall-bangers. Maj Gary L.Sholders. Aerosp Safety 36:16-18 Aug '80

Air Force junior officers: Changing prestige and civilianization. Frank R.Wood. tabs Armed Forces & Soc 6:483-506 Spring '80

Are you an AC or just a pilot? illus MAC Flyer 27:22-24 Jan '80

Army hurt by aviator shortage, but encouraged by success of new aircraft. Benjamin F.Schemmer. illus Armed Forces J Intl 117:38+ May '80

Army's (2dLt Marcella A.) Hayes, 1st Black woman military aviator in U.S. forces. SP4 Robin Drew. illus USA Avn Dig 26: inside back cover Jan '80

Aviator shortage won't go away soon. Benjamin F.Schemmer. illus tab Armed Forces J Intl 117:45 May '80

The best pilot in the squadron. Maj Michael T.Fagan. illus Aerosp Safety 36:17-19 Jun '80

Catecholamine excretion in A-10 pilots. Gary S.Krahenbuhl and others. tabs Aviation, Space & Envmt Med 51:661-664 Jul '80

Come fly with me. Ronald R.Simmons. illus tabs USA Avn Dig 26:10-12 Sep '80

Effects of different body positions on the Eustachian tube function in the selection of airmen. Peter Groth and Orjan Tjernstrom. tabs Aviation, Space & Envmt Med 51:913-917 Sep '80

F-16 flying jobs: Tour criteria cut. AF Times 41:13 Aug 18 '80

Falcons, Eagle pilots to fly longer in '81. AF Times 41:3 Dec 8 '80

Flight lead responsibilities. Maj Mike Ridnour. illus TAC Attack 20:4-6 Sep '80

For Eagle drivers only--but other types should read it, too. Capt Paul Q.G.Woodford. (Reprinted from Airscoop, August 1980) illus Aerosp Safety 36:14-15 Nov '80

From pilot to pilot. (AF Reserve MajGen David L.Stanford talks to AF pilots about military and civilian careers) Robert K.Ruhl. illus Airman 24:9-14 Jun '80

PILOTS - Continued

G-tolerance: A case for short pilots. Maj James E.Whinnery and Sidney D.Leverett, Jr. illus Aerosp Safety 36:6-7 May '80

Grow old with me. Robert W.Duncan. (Reprinted from Combat Crew, Sep 1972) illus Combat Crew 30:8-11 Oct '80

House wants SAC cockpits kept desk-pilot free. AF Times 41:31 Oct 6 '80

How many up high, fly? AF Times 41:6 Nov 17 '80

Incidence of complications from coronary angiography in 463 USAF aviators. Mary M.Thomas and others. tabs Aviation, Space & Envmt Med 51:930-936 Sep '80

Keeping our quality people. (Presentation, Daedalians Longhorn Flight Banquet, Bergstrom AFB, TX, Oct 16, 1979) Gen B.L.Davis. AF Plcy Ltr for Comdrs: Sup No.1:35-40 Jan '80

A letter to Dave. (Things evaluators do that make life difficult) Capt David R.Hall. illus Combat Crew 30:14-17 Aug '80

A letter to Mike. (How to pass an evaluation) Capt David R.Hall. illus Combat Crew 30:10-13 Feb '80

Of old heads and retreads. Capt Howard Harding. illus Combat Crew 30:8-10 Sep '80

The other pilots in the Air Force. Maj Michael T.Fagan. illus Aerosp Safety 36:19-21 Jul '80

Part-time pilot ... full-time professional. Aerosp Safety 36:4 Jul '80

Pay drove out pilots in 1979. Martha Lynn Craver. AF Times 40:3 Mar 24 '80

Pilot retention: Half of what is needed. Don Mace. AF Times 40:4 Jun 9 '80

Pilot study on the value of a beta-blocking drug in initial helicopter training. E.Donaldson and others. tabs Aviation, Space & Envmt Med 51:926-929 Sep '80

Pilots who only fly. (Presentation, 21st Tactical Fighter Wing Dining-In, Elmendorf AFB, AK, Nov 30, 1979) MajGen L.W.Svensden, Jr. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Jun '80

Pilots who stick get preferences (for new weapon system assignments). AF Times 41:6 Dec 15 '80

Second-in-command. Capt James P.Coe. illus MAC Flyer 27:11-13 Aug '80

Shaw (AFB, SC) turns out German RF-4 pilots. AF Times 40:35 Apr 21 '80

Stress and adaptation: The interaction of the pilot personality and disease. Robert J.Ursano. Aviation, Space, & Envmt Med 51:1245-1249 Nov '80

USAF's personnel situation in the 1980s. Ed Gates. tab AF Mag 63:98-100 Sep '80

Who's got the stick? Or--Bear's theory of fighter aviation. Maj Gary L.Sholders. illus Aerosp Safety 36:8-11 Mar '80

PILOTS - Continued

Why AF pilots resign: They don't fly enough. John Ginovsky. AF Times 41:1+ Nov 10 '80

Why the Army can't hold pilots. Ronald N. Dalby. illus Armed Forces J Intl 117:46+ May '80

Your job or your life. Maj Alan D. York. illus MAC Flyer 27:13-15 Sep '80

Education and Training

See also
Instructor Pilots

The care and feeding of copilots. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Jul '80

Converting NFOs to NAs. Capt Kenneth E. Starr. MarCor Gaz 64:19-20 Oct '80

The credibility of fighter squadron supervisors. Capt John L. Barry. illus tabs AU Rev 31:35-44 Sep-Oct '80

Diagnosis: Checkitis. Capt Reginald L. Lipp. illus Combat Crew 30:8-9 Jul '80

Flamingo--a primary trainer tailor-made for military schools. Brian Walters. illus tab Asian Def J No. 4:97-98 Jul-Aug. '80

Flight lead responsibilities. illus TAC Attack 20: 22-24 Oct '80

Flight simulation in air-combat training. Col Richard C. Needham and others. illus tabs Def Mgt J 16: 18-23 Fourth Quarter '80

For pilots only. Roger G. Crewse. Aerosp Safety 36: 2-3+ Jan '80

Go lost wingman. Capt Craig Lamkin. illus TAC Attack 20:14-15 Jan '80

(443d Military Airlift Wing and military airlift training) Interview. BrigGen Maurice C. Padden. illus Airlift Ops Rev 2:1-8 Oct-Dec '80

The mission ... and the man. LtCol Jim Bustle. tabs TAC Attack 20:4-7 Aug '80

More flying hours asked--jet engines available. Interview. BrigGen Richard D. Murray. AF Times 40:7 May 12 '80

New horizons for flying training. Maj Gene E. Townsend. illus AF Mag 63:36-42 Apr '80

On fighter instruction. Maj Gary L. Sholders. illus Aerosp Safety 36:4-7 Jun '80

PC-7: Flight training with Swiss precision. illus Asian Def J No. 2:50+ Mar-Apr '80

Rated prioritization--setting the record straight. Col Henry Viccellio, Jr. Aerosp Safety 36:20-22 Jun '80

Reaping the benefits of flight simulation. Jesse Orlansky and Joseph String. illus tabs Def Mgt J 16:6-13 Fourth Quarter '80

Red Flag: Realistic training for air combat. Maj J.P. Kelly. illus MarCor Gaz 64:84-86 May '80

PILOTS - ContinuedEducation and Training - Cont'd

Something is wrong. What should I do? Maj Terrell J. Osborn. illus Aerosp Safety 36:2-4 Sep '80

The state of aircraft simulation in the USSR. Clyde F. Autio. Def Mgt J 16:24-25 Fourth Quarter '80

Tactical air training--the Red Flag concept. Gen Theodore Ross Milton. illus NATO's Fifteen Nations 25:36+ Aug-Sep '80

The teachers. LtCol Jim Beavers, Ret. illus AF Mag 63:120-122+ Sep '80

200 & 1/2 mi. Maj Pete Abler. illus TAC Attack 20: 4-6 Jun '80

VTX-TS: Will the U.S. Navy change the way pilots train? illus Def & For Aff 8, No. 7:28-31 '80

Visual simulation in Navy training. A. Michael Spooner and others. illus Def Mgt J 16:26-32 Fourth Quarter '80

'You fight like you train.' Mark E. Berent. illus AF Mag 63:44-49 Dec '80

History

Airpower pioneers: Col John A. Macready. Joseph A. Ventolo, Jr. illus AF Mag 63:76-78 Feb '80

Harry Lyon and the Southern Cross. Lloyd S. Gates. illus Am Avn Hist Soc J 24:279-287 Winter '79

Memoir. John C. Parker. illus Aerosp Hist 27:192-194 Sep '80

Reaction Time

Two seconds too far. illus MAC Flyer 27:6-7 Mar '80

Your job or your life. Maj Alan D. York. illus MAC Flyer 27:13-15 Sep '80

PILOTS, CIVILEducation and Training

Bill would up tuition paid by VA for flight training. AF Times 41:10 Oct 20 '80

Exploring their tomorrows. (1979 Aviation Explorer Flying School, Edwards AFB, CA, trains young men and women to fly) SMSgt Dave Sheeder. illus Airman 24:44-48 Jun '80

Pre-Service units. II: University air squadrons. SqLdr J. Sewell. illus map tabs RUSI J for Def Studies 125:44-48 Jun '80

History

(Will D.) Parker and his Pushers. George F. Maxfield. illus Am Avn Hist Soc J 25:187-193 Fall '80

PILOTS, COMMERCIAL

Airlines' slump--pilots, navs returning. John Ginovsky. AF Times 41:1+ Nov 17 '80

Civilian pilot openings at lowest ebb since '75. AF Times 40:7 Jun 16 '80

PILOTS, COMMERCIAL - Continued

Coronary bypass in an airline pilot. Antoine Saint-Pierre. illus tab Aviation, Space & Envmt Med 51:1150-1152 Oct '80

Pilot hiring by airlines tapers off. M.L. Craver. AF Times 40:1+ Mar 3 '80

PIPE LINES

Freight pipeline technology. Iraj Zandi. illus tabs Log Spectrum pt 1, State of the art. 14:17-21 Fall '80

PIRIE, Robert B., Jr

The continuing military manpower crunch. Robert B. Pirie. Defense/80, pp 4-5, Jan '80

Enlistment test scores: What do they really measure? Robert B. Pirie, Jr. por Defense/80, pp 10-13, Jun '80

The manpower management puzzle. Robert B. Pirie, Jr. Def Mgt J 16:46-47 Third Quarter '80

Pirie assesses benefits impact. Interview. Robert B. Pirie. por AF Times 41:4 Sep 29 '80

Pirie questions o'seas kin ceiling. Andy Plattner. AF Times 40:2 Jan 14 '80

PISTOLS

Choosing a new pistol. Capt Charles H. Thornton, Jr. MarCor Gaz 64:30-31 Nov '80

OSI agents soon to get new compact .45 pistol. Don Mace. illus AF Times 41:6 Dec 15 '80

PIXLEY, Charles C.

Medical chiefs (Army's LtGen Charles C. Pixley, Navy's ADM Willard P. Arentzen, AF's LtGen Paul W. Myers) pull no punches on Service care. (Briefing of ROA's National Council) por Officer 56:16 Apr '80

PLANNING-PROGRAMMING-BUDGETING SYSTEM

See also
Economic Analysis

OMB Circular A-109 impact on new development. Dean E. Roberts. illus Def Sys Mgt Rev 2:27-35 Autumn '79

PLASTIC MATERIALS

Plastic airplanes are coming your way. Maj Roger L. Jacks. illus Aerosp Safety 36:6-7 Dec '80

POE, Bryce, II

Air Force Logistics Command. por AF Mag 63:70-71 May '80

Let's be professionals. (Presentation, Air Force ROTC Summer Encampment Dining-In, Wright-Patterson AFB, OH, July 11, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 12-18, Sep '80

POE, Bryce, II - Continued

Logistics: We have work to do. (Presentation, Air Force Assoc Airpower Symposium, Chicago, March 1, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 23-28, May '80

The USAF Logistics Command and the energy crisis. Gen Bryce Poe II. por Strat Rev 8:78-84 Spring '80

POEMS

The Alert Bird. AIC Matthew A. Bennett. USAF Ftr Wpns Rev, p 13, Winter '79

The Ballad of Phineas J. McSwine. Capt Dennis J. Koziel. Combat Crew 30:16-17 Apr '80

The Cave of Change One to the MACSUP. Lt Shannon T. Kingsley. MAC Flyer 27:8-9 May '80

Have You Ever Seen. CW3 Robert J. Buchanan. USA Avn Dig 26:39 Apr '80

Hunt the Hurricane. Capt Bill Sadler. MAC Flyer 27:10-11 Jun '80

"I Have Returned." Nav War Col Rev 33:79 Mar-Apr '80

The Midnite Ride of Captain McTeer. Capt James J. Kristl. Combat Crew 30:12-13 Jan '80

The Night Before Christmas. Capt David L. Albert. Combat Crew 30:16-17 Dec '80

An Ode to Smokin' Joe. Capt David A. Laubhan. MAC Flyer 27:12-13 Mar '80

Ragged Wings. Maj J.H. Paul. TIG Brief 32:23 Apr 18 '80

Stand Tall. Dallas R. Blevins. Navigator 27:2 Summer '80

"Trust Me." 1st Sgt Frank Davenport. Soldiers 35:26 Jun '80

What Is It. CW3 Robert J. Buchanan. USA Avn Dig 26:39 Apr '80

POLICE

Paramilitary police forces: Focus on the Royal Malaysia Police. Zara Dian. illus Asian Def J No. 3: 76+ May-Jun '80

POLITICAL SCIENCE

An inquiry into the persistence of unwisdom in government. (Edited version, Sol Feinstein Lecture, U.S. Military Academy, Oct 24, 1979) Barbara W. Tuchman. illus Parameters 10:2-9 Mar '80

POLITICAL WARFARE see Cold War; War--Political Aspects

POLITICS

See also
International Politics
War--Political Aspects
also subdivision Politics and Government under specific countries

Absentee voting seen rising sharply. AF Times 41:22 Nov 3 '80

POLITICS - Continued

Anderson would raise pay and kill up-or-out. Laurie Parker. AF Times 41:8 Sep 29 '80

Carter criticized (by veterans organizations), defended (by DefSec Brown). Laurie Parker. AF Times 41:4 Oct 27 '80

Carter faulted on national defense ad. AF Times 41: 41 Oct 20 '80

The conflict index. Regular feature in issues of Defense & Foreign Affairs

Economic growth, distributional inequality, and political conflict in industrial societies. Melissa A. Hardy. tabs J Pol & Mil Sociol 7:209-227 Fall '79

GOP would end 'neglect' of military manpower. AF Times 41:12 Aug 11 '80

Muskie sees \$1 trillion in outlays in 5 years. AF Times 41:10 Oct 13 '80

New group (Association to Inform the Military (AIM)) to help get out vote. AF Times 41:18 Oct 6 '80

Partisan politics and the Pentagon. Bruce Callander. illus AF Times 41:20+ Sep 15 '80

The planks and the plankowners: Republican and Democratic defense platforms compared. L. Edgar Prina. illus Sea Power 23:26+ Oct '80

Political activities by members of the Air Force. TIG Brief 32:11-12 Apr 4 '80

Political reliability in the Eastern European Warsaw Pact armies. Dale R. Herspring and Ivan Volgyes. tabs Armed Forces & Soc 6:270-296 Winter '80

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs

Reagan, Anderson voice views on pay, manpower. illus AF Times 41:14 Oct 6 '80

Reagan made many promises. Bruce Callander. illus AF Times 41:3+ Nov 17 '80

VFW breaks rule, endorses Reagan. AF Times 41:22 Aug 11 '80

Veterans seen as big election factor. Larry Carney. AF Times 41:8 Dec 1 '80

What 'absentees' might have done. Bruce Callander. map AF Times 41:24+ Nov 17 '80

What you can and can't do by way of political activity. Don Mace. AF Times 40:46 Apr 21 '80

Who is war candidate? LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 3 '80

You and politics--the do's and don'ts. SGM Bruce N. Bant. Soldiers 35:51-52 Sep '80

POLK, James H.

The North German Plain attack scenario: Threat or illusion? Gen James H. Polk, Ret. por Strat Rev 8:60-66 Summer '80

POLLUTION

See also
Environment

Coal pushed as pollution 'control.' AF Times 40:11 Mar 10 '80

Documentation of industrial hygiene samples. TIG Brief 32:17-18 Nov 28 '80

Edwards (AFB, CA) fights coal-fired plant. AF Times 40:19 Jun 30 '80

PCB (PolyChlorinated Biphenyls): Easily mistaken for water. TIG Brief 32:18 Mar 21 '80

A pollution control demonstration. James B. Rasor. illus tab Mil Engr 72:168-170 May-Jun '80

Renewing the physical plant (of the Coast Guard). RADM Donald C. Thompson. illus tabs US Nav Inst Proc 106:79-86 Oct '80

Volcanic ash removal continues at Fairchild (AFB, WA). AF Times 40:4 Jun 16 '80

Laws and Regulations

Enhancing air quality. TIG Brief 32:11-12 Oct 31 '80

POPULATIONRussia

Ethnic minorities in the Soviet military--implications for the decades ahead. LtCol Dallace Meehan. illus tab AU Rev 31:63-73 May-Jun '80

United States

High speed facsimile drives census data. illus Govt Exec 12:47-48 Nov '80

PORTS

Clearing harbors imaginatively. CDR William I. Milwee, Jr, Ret. illus Mil Engr 72:323-326 Sep-Oct '80

The floating wonder of Bremerhaven. Capt Randy R. Tibbs. illus Translog 11:8-9 Nov '80

Observations on ports and railroads (in China). George L. Richardson. illus map Translog 11:4-6 Feb '80

Ports for National Defense (Program). LT Frank A. DeLost. illus Translog 11:2-3 Feb '80

The U.S. port system--expanding capabilities, and major challenges. J. Ron Brinson. Sea Power 23: 29-33 Feb '80

Will terrorism go to sea? Merle Macbain. illus Sea Power 23:15-24 Jan '80

PORTUGAL

"The whole world is watching" (ocean cargo in and out of Portugal). MSgt Franklin G. Lewis. illus Translog 11:2-4 May '80

POST EXCHANGES see Exchanges

POSTAL SERVICE

The Army's Pony Express! PFC Dave Osinsky. illus Translog 11:17-18 Jun '80

GAO: Move parcels by ship, not by air. AF Times 40:11 Feb 18 '80

Keep explosives out of the mails. TIG Brief 32:15 Nov 14 '80

Mail call! Steve Abbott. illus Soldiers 35:28-32 Mar '80

Mail 'snooping' still going on. AF Times 41:3 Sep 1 '80

POWER PLANTS see Steam Plants; Tanks, Military-- Power PlantsPOWER RESOURCES

Coal--a long-term energy alternative. LtCol Robert J. Jamsky. illus AU Rev 32:34-41 Nov-Dec '80

Continental interdependence, energy, and integration in the Americas. Alejandro Orfila. AEI For Plcy & Def Rev 1, No.6:15-21 '79

Energy, America, and the military--can we get there from here? LtCol Joseph A. Breen. illus tabs AU Rev 32:42-55 Nov-Dec '80

Energy for today and tomorrow. James G. Stanley. illus Mil Engr 72:82-86 Mar-Apr '80

Energy security and the hydrogen economy. Harvey B. Silverstein. illus Nav War Col Rev 33:48-62 Sep-Oct '80

Facility energy technology transfer. Ed E. Wilson and Capt Philip C. Holden. AF Engrg & Svcs Qtr 21: 28-29 Nov '80

Getting hooked on wind power. LtCol Thomas E. Kullgren and Maj Gary G. Worley. illus tabs AF Engrg & Svcs Qtr 21:35-39 Nov '80

The heat from within the earth. Richard M. Steede and Capt Don-Michael Bradford. illus map AF Engrg & Svcs Qtr 21:23-27 Nov '80

Keep our energy options open. (Research at Sandia National Laboratories) James Howard Scott. illus Def Trans J 36:25-31 Apr '80

MX energy design to cost \$202M. Len Famiglietti. AF Times 41:19 Nov 17 '80

McClellan (AFB, CA) energy showcase base. Maj George Kastanos. illus AF Engrg & Svcs Qtr 21: 24-27 May '80

Renewable energy systems for the MX. Gail H. Marcus. illus tab Signal 34:77+ May-Jun '80

Reshaping U.S. regional policy. Francis X. Gannon. AEI For Plcy & Def Rev 1, No.6:21-26 '79

Synfuels: Energy sources whose time has come. Milton Meckler. illus Mil Engr 72:87-90 Mar-Apr '80

Tapping underground energy--AF might apply geothermal plans. AF Times 40:4 Apr 7 '80

A Texas town (Crosbyton) goes solar--and succeeds. George E. Haddaway. illus Govt Exec 12:38-40 Nov '80

POWER RESOURCES - Continued

Transportation's place in the energy picture. William H. Dempsey. tabs Def Trans J 36:5-6+ Apr '80

Trash to energy via RDF (Refuse-Derived Fuel). Leon Glaspell and Thomas E. Shoup. illus tab AF Engrg & Svcs Qtr 21:13-16+ Nov '80

U.S. faces stiffer competition for oil. AF Times 41: 39 Nov 10 '80

Why Alaska is case-in-point of 'no growth' Federal energy policy. illus tab Govt Exec 12:36-37 Aug '80

Why government amateurs can't solve energy problems. illus Govt Exec 12:38+ Jul '80

Wood this energy idea work well? illus AF Times 40:23 Jul 7 '80

POWER SOURCES see

Electric Power
Generators, Electric
Power Resources
Solar Energy

PRATT, William V.

William Veazie Pratt as CNO: 17 September 1930-30 June 1933. Craig L. Symonds. Nav War Col Rev 33:17-33 Mar-Apr '80

PRECISION GUIDED MUNITIONS

Defence and the world of Islam: Adding the laser dimension. Joseph J. Malone. illus tabs Islamic Def Rev 5, No.2:32-37 '80

Harpoon: A PGM case-in-point of program mismanagement. C.W. Borklund. illus Govt Exec 12:18+ Jan '80

The pragmatics of precision guided munitions. LtGen Donald Keith. illus Signal 35:19-22 Sep '80

Precision-guided ammunition and special air ordnance. illus Aerosp Intl 16:42-44 Jul-Aug '80

Regain the technological advantage. Clifford D. Bradley. illus tabs Natl Def 65:40-43+ Oct '80

Simulated flights aid in research (of TV guided weapons). Signal 35:80 Nov '80

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80

Why one's strengths are another's weaknesses in the PGM match-up. tabs Govt Exec 12:22+ Apr '80

Why "precision guided munitions" is plural, not singular. C.W. Borklund. illus tab Govt Exec 12: 41+ Mar '80

PREFLIGHT INSPECTIONS

McNair versus the bull. LtCol Carl H. McNair, Jr. (Reprinted from United States Aviation Digest, Feb 1972) illus USA Avn Dig 26:6-10 Feb '80

Phantom vari-ramp. Maj Di Johnson. illus TAC Attack 20:20-21 Sep '80

PREGNANCY

- Abortion restrictions will have little impact. AF Times 41:15 Dec 8 '80
- DOD statistics: Pregnancy most common reason for hospitalization. AF Times 41:4 Nov 10 '80
- Destroying myths about birth control. SP5 Bill Branley. illus Soldiers 35:44-46 Nov '80
- House takes hard line on abortion funding. AF Times 41:4 Oct 6 '80
- Sterilization is becoming a leading method of birth control. Here's a look at the trend. Terri Moon. illus AF Times 41:53-54 Dec 15 '80

PREJUDICES, RACIAL see Race RelationsPREPAREDNESS

See also
Air Defenses
Civil Defense
Defenses

- (ADPA) Defense Preparedness Meeting, 1980 (62d, Quantico MCB, VA, Oct 2). illus Natl Def 65:66-67+ Dec '80
- Afghan awakening. Editorial. A.G.B. Metcalf. Strat Rev 8:5-7 Spring '80
- Analysts call U.S. strength inadequate to meet threat. John Ginovsky. AF Times 41:12 Jul 28 '80
- Are we at peace, or is this war? MajGen Richard Schulze. illus MarCor Gaz 64:43-47 Apr '80
- 'Arsenal of democracy' is bankrupt. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Apr 28 '80
- Brown: Oil price hikes hurt U.S. defense. Harold Brown. AF Times 40:22 Jul 14 '80
- Chemical warfare: The dirty weapon. Betty Chapman. illus tab Natl Def 64:33-37 Jun '80
- (Complex problems we face in maintaining defense preparedness) Interview. William J. Perry. illus Natl Def 65:50-55 Oct '80
- Facility damage from winter storms. TIG Brief 32:21 Jan 25 '80
- 1500 dentists to train as emergency medics. Interview. BrigGen Stanley C. Kolodny. AF Times 41:8 Nov 10 '80
- GAO faults DOD on plans to handle war casualties. AF Times 41:4 Jul 28 '80
- Military readiness at low state. LtGen Ira C. Eaker, Ret. AF Times 40:17-18 Apr 7 '80
- New defense horizons: Changing strategies for a changing world. (Concluding report on AFA Symposium, Los Angeles, Oct 26, 1979) Edgar Ulsamer. illus AF Mag 63:60-65 Feb '80
- (1980 American Defense Preparedness Assoc Annual Meeting, Washington, April 16-17, 1980) illus Natl Def 65:51-55+ Aug '80

PREPAREDNESS - Continued

- The 1981 defense budget increase. Herschel Kanter. illus tabs Strat Rev 8:17-29 Spring '80
- 1978 operations uncovered some readiness shortfalls. Tom Philpott. AF Times 41:25 Aug 11 '80
- A post-detente strategy for the United States. Sen Henry M. Jackson. illus Strat Rev 8:11-16 Spring '80
- The rapid deployment force: Criteria and imperatives. LtGen Victor H. Krulak, Ret. illus Strat Rev 8:39-43 Spring '80
- Readiness realism called for. AF Times 40:8 Jul 14 '80
- Readiness report--problems linked to pay, benefits. AF Times 41:7 Oct 6 '80
- Transportation emergency preparedness--are we ready? Maj Ted A. Cimral. illus chart Def Trans J 36:74-81 Sep '80
- The value of preparation. TIG Brief 32:10 May 16 '80
- Where less is better. Gen T. R. Milton, Ret. AF Mag 63:45 May '80
- Will Russia permit Western rearmament? LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Apr 21 '80
- Winchester goes to war. Edwin Pugsley. illus Natl Def 65:56-57+ Oct '80

PRESIDENTIAL MANAGEMENT INTERN PROGRAM

- Presidential Management Interns in the comptroller career field. Charles E. Leggett. illus tab Armed Forces Compt 25:26-29 Nov '80
- Presidential Management Internships. Steven M. Shaker. illus tabs Def Mgt J 16:49-51 First Quarter '80

PRESIDENTS--U.S.

- America's ships of state (support the official transportation requirements of the President, Vice President, the Cabinet, and the DOD). (89th Military Airlift Gp and 76th Security Police Sq, Andrews AFB, MD) MSgt David B. Drachlis. illus Airman 24:38-42 May '80
- The Commander in Chief and the public: Mass response to Johnson's March 31, 1968 bombing halt speech. Lee Sigelman. tabs J Pol & Mil Sociol 8: 1-14 Spring '80
- The crisis of the presidency. Hy Kaplan. illus Sergeants 18:14-18 Jan '80
- Inside the White House. (Military specialists operate the White House Communications Agency) MSgt David B. Drachlis. illus Airman 24:24-29 Mar '80
- Limited war and the War Powers Resolution. Maj A. J. Ponnwitz. illus MarCor Gaz 64:35-41 Oct '81
- Military men and presidents. Col Jack W. Rudolph, Ret. illus Army 30:51-54 Nov '80

PRESIDENTS--U.S. - Continued

Option Charlie: H-bomb in hands of extremists tests Presidential decision making process in hypothetical crisis. Col John E. Bex. illus Officer 56:28-32+ May '80

Presidents who were soldiers. illus Soldiers 35:20-23 Mar '80

The War Powers Resolution: Congress vs the Commander in Chief. 1stLt Kevin E. Johns. illus US Nav Inst Proc 106:42-46 Dec '80

PRESSURE

A chamber of life. (Hyperbaric medicine treats a variety of illnesses and wounds in pressure chambers at Brooks AFB, TX) TSgt Alan Prochoroff. illus Airman 24:15-19 Sep '80

Effects of different body positions on the Eustachian tube function in the selection of airmen. Peter Groth and Orjan Tjernstrom. tabs Aviation, Space & Envmt Med 51:913-917 Sep '80

PRESSURE SUITS

Hemodynamic effects of extreme positive pressure breathing using a two-pressure flying suit. U.I. Balldin and B. Wranne. illus tabs Aviation, Space & Envmt Med 51:851-855 Sep '80

PRESTIGE IN MILITARY SERVICE

Air Force junior officers: Changing prestige and civilianization. Frank R. Wood. tabs Armed Forces & Soc 6:483-506 Spring '80

PRICE, Melvin

Price gives views on benefits. Interview. Rep Melvin Price. por AF Times 41:8 Aug 25 '80

PRINCIPLES OF WAR see Military Art and SciencePRINGLE, Andrew, Jr

A gathering of sentinels. (Olympic Arena '80) MajGen Andrew Pringle, Jr. Combat Crew 30:4-5 Apr '80

Train the way we fight. MajGen Andrew Pringle, Jr. por Combat Crew 30:2-3 Jul '80

Training tacit warriors. MajGen Andrew Pringle, Jr. por Combat Crew 30:2-3+ Aug '80

PRISONERS AND PRISONS

Prison riot! New Mexico Guard picks up pieces. illus Natl Guard 34:20-23 Mar '80

Problems with prisoner transfers. TIG Brief 32:3 Jul 25 '80

Return to duty. MSgt Matt Glasgow. illus Soldiers 35:22-26 Apr '80

32 AF members in foreign jails. AF Times 40:18 Apr 21 '80

PRISONERS OF WAR

See also
Vietnamese Conflict, 1957-1975--Prisoners of War

PRISONERS OF WAR - Continued

PW: Encounters of the worst kind. William E. Hardy. illus Aerosp Safety 36:24-26 Jan '80

Treatment of POWs. Don Mace. AF Times 41:18 Sep 22 '80

Code of Conduct

Code of the U.S. fighting force. AF Plcy Ltr for Comdrs: Sup, pp 23-27, Oct '80

They lived the Code. MSgt Richard Raymond. illus Soldiers 35:33-36 Oct '80

Rehabilitation

See also
Rehabilitation

PRIVACY, RIGHT OF

DOD units told to stop checking bank records. AF Times 40:10 Apr 21 '80

When (medical) records can be released. AF Times 40:15 Mar 3 '80

PROBABILITIES

Suppression. LtCol Fred Meurer. illus tabs Fld Arty J 48:48-51 May-Jun '80

PROBLEM SOLVING

Can we teach judgement? C.B. Stoddard. illus TAC Attack 20:12-14 Nov '80

Getting the job done without getting done in by the jobs. MajGen Richard C. Schulze. illus MarCor Gaz 64:42-46 Oct '80

IG inspections: Why we have them. SGM Bruce N. Bant. illus Soldiers 35:26-27+ Aug '80

PROCUREMENT

See also
Weapons Procurement

Problems in numerical input for the source selection decision. Robert F. Williams. Def Sys Mgt Rev 3: 122-128 Summer '80

Subdivision of labor revisited. Franz A.P. Frisch. illus tabs Def Sys Mgt Rev 3:74-102 Winter '80

Laws and Regulations

P.L. 95-507: A socialist nightmare. C.W. Borklund. Govt Exec 12:11 Sep '80

Air Force--U.S.

AF responds to 101 C-X questions; SASC review still pending. Deborah M. Kyle. Armed Forces J Intl 117:12+ Jun '80

Ridenour report revisited. Neil B. Christianson. illus AF J Log 4:16-19 Summer '80

Seeking the protection of the commercial warranty. Ronald R. Chalecki. illus Def Mgt J 16:36-39 Third Quarter '80

Supportability: The fourth dimension in systems acquisition. TIG Brief 32:11 Jun 13 '80

PROCUREMENT - ContinuedAir Force--U.S. - Cont'd

System acquisition schedules. TIG Brief 32:8
Jan 11 '80

What's a SAMI (System Acquisition Management Inspection)? TIG Brief 32:3 Mar 7 '80

Armed Forces--Europe, Western

Defence procurement--a European view. Per-Eric Jansson. RUSI J for Def Studies 124:19-22 Dec '79

Armed Forces--NATO

NATO common-funded infrastructure projects. (Address, AFCEA NATO Brussels Symposium, Oct 1980) VAdm D.A. Collins, Ret. Signal 35:35-38 Dec '80

NATO procurement process explained. illus tabs Def Elect 12:67-68+ Aug '80

Armed Forces--U.S.

Furniture buying can start again. Paul Smith. AF Times 41:4 Dec 1 '80

The maturing of the DOD acquisition process. David D. Acker. illus tabs Def Sys Mgt Rev 3:7-77 Summer '80

Ten rules of thumb. David Israel. Signal 34:37-38 Jul '80

Army--U.S.

Congress will force the hard choices on Army. Michael A. West. illus Govt Exec 12:28-31 Nov '80

Controlled competition for optimal acquisition. Kenneth S. Solinsky. tabs Def Sys Mgt Rev 3:47-55 Spring '80

SecDef Brown directs huge USMC, Army buys of light armored vehicles. Benjamin F. Schemmer. Armed Forces J Intl 118:17-18 Sep '80

Defense Dept--U.S.

A-E (Architect-Engineer): Competitive price negotiation. Paul J. Andrews. Govt Exec 12:42+ Aug '80

ASPJ (Airborne Self-Protection Jammer): How to get competition in a "monopoly" environment. illus Govt Exec 12:24-25 Jul '80

Architecture/Engineering contracts: Favoritism at best; price fixing at worst. Govt Exec 12:17-19 Apr '80

The four billion-dollar annual data larceny. Thomas F. Walton. Govt Exec 12:22-23 Nov '80

The inefficiency of sealed-bid competition. James M. Corey. tabs Def Sys Mgt Rev 3:42-46 Spring '80

Costs

Should-cost analysis: Is it the answer? H.G. Hoehl. tabs Def Mgt J 16:48-51 Fourth Quarter '80

PROCUREMENT - ContinuedDefense Logistics Agency--U.S.

Buying commercial: What works and what doesn't. Richard A. Stimson and Marilyn S. Barnett. tabs Def Sys Mgt Rev 3:56-68 Spring '80

Marine Corps--U.S.

SecDef Brown directs huge USMC, Army buys of light armored vehicles. Benjamin F. Schemmer. Armed Forces J Intl 118:17-18 Sep '80

Navy--U.S.

Navy likely to renew last year's unsuccessful bid for 46 new MH-53Es. Benjamin F. Schemmer. Armed Forces J Intl 117:16+ Jun '80

A new life-cycle cost model: Flexible, interactive, and conversational. Noreen S. Bryan and others. illus Def Mgt J 16:2-7 Third Quarter '80

United States

Acquisition costing in the Federal government. Richard T. Cheslow and James R. Dever. illus tab Def Sys Mgt Rev 2:7-16 Autumn '79

GSA (General Services Administration): Top management gaining visibility and speed. Govt Exec 12:15-16+ Jul '80

The office: Equipment is changing the face of government. illus Govt Exec 12:14+ Oct '80

Opportunity and catastrophe: How government looks to NMA (National Micrographics Assoc). C.W. Borklund. illus Govt Exec 12:14+ May '80

Procurement: Government's newest non-system. Robert Hall. tab Govt Exec 12:34-36 Nov '80

Products liability and tort risk distribution in government contract programs. Maj Roger Dean Graham. tabs AF Law Rev 20, No. 4:331-422 '78

Laws and Regulations

Small business contracting coalition: Why they're against government hurting itself. illus Govt Exec 12:20-21 May '80

PRODUCTION see IndustryPRODUCTIVITY see Labor ProductivityPROFESSIONAL MILITARY EDUCATION see Noncommissioned Officers Academies; Staff CollegesPROFESSIONAL READING

Lessons learned from Vietnam: Book review essay. Allan R. Millett. MarCor Gaz 64:72-76+ Sep '80

PROFESSIONALISMSee also

Military Service as a Profession

Air discipline, brains, roe, mindrolling, and wall-bangers. Maj Gary L. Sholders. Aerosp Safety 36:16-18 Aug '80

PROFESSIONALISM - Continued

- Bolstering the backbone. LtCol Thomas B. Vaughn. illus Infantry 70:25-26 May-Jun '80
- The care and feeding of copilots. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Jul '80
- Crew confusion: Helicopter mishap with a moral. Aerosp Safety 36:26-27 Jul '80
- The development of the modern military. Martin Blumenson. Armed Forces & Soc 6:670-682 Summer '80
- A do-it-yourself professional code for the military. Gen Maxwell D. Taylor, Ret. illus Parameters 10:10-15 Dec '80
- Does Armor have a "ho hum" attitude? Gen Donn A. Starry. (Address, 1980 Armor Conference) illus Armor 89:46-47 Jul-Aug '80
- Ethical presuppositions of the Army's professional slogans. Ch(Col) Charles F. Kriete. illus Parameters 10:86-88 Sep '80
- An examination of professional concerns of naval officers as reflected in their professional journal. CAPT L.F. Brooks. illus tabs Nav War Col Rev 33:46-56 Jan-Feb '80
- Flight lead responsibilities. illus TAC Attack 20:22-24 Oct '80
- Hit my smoke. Maj David V. Froehlich. illus Aerosp Safety 36:12-13 Apr '80
- How ready are you for engineer registration? John D. Constance. illus Mil Engr 72:235-238 Jul-Aug '80
- Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79; pt 3, 20:18-19 Jan '80
- Let's be professionals. (Presentation, Air Force ROTC Summer Encampment Dining-In, Wright-Patterson AFB, OH, July 11, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 12-18, Sep '80
- Military leadership: Time for a change? LtCol Sam C. Sarkesian, Ret. illus Mil Rev 60:16-24 Sep '80
- Part-time pilot ... full-time professional. Aerosp Safety 36:4 Jul '80
- Pilots who only fly. (Presentation, 21st Tactical Fighter Wing Dining-In, Elmendorf AFB, AK, Nov 30, 1979) MajGen L.W. Svendsen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Jun '80
- Principle and practices of leadership. Gen George V. Underwood, Jr, Ret. (Adapted from Air Defense Magazine, Oct-Dec 1978) illus Asian Def J No.5: 91+ Sep-Oct '80
- The professional development of engineers. Col Forrest T. Gay III. illus Mil Engr 72:240-243 Jul-Aug '80
- Restoring dignity to military careers. Gen T.R. Milton, Ret. AF Mag 63:44 Oct '80
- SOLE's certification program. Benjamin S. Blanchard. illus tabs Log Spectrum pt 1, 14:7-11 Fall '80

PROFESSIONALISM - Continued

- Sidewalk fire chief or professional fire marshal? CMSgt James R. Legg. illus AF Engrg & Svcs Qtr 21:36-37 Feb '80
- Speak to me. Capt Gary V. Earl. illus TAC Attack 20:22-23 Jan '80
- Straight talk. George R. Jansen. illus MAC Flyer 27:13-15 Dec '80
- Tell it like it is. Maj Roger Jacks. illus Aerosp Safety 36:8-9 Sep '80
- Who's your flight commander? LtCol Delbert F. Miller. illus TAC Attack 20:10-12 Dec '80

PROFICIENCY PAY

- Lawsuit seeks back pro pay. Randy Shoemaker. AF Times 40:3 Feb 25 '80

PROGRAM PLANNING

- Alternatives for shortening the acquisition process. Maj David T. Spencer. Def Sys Mgt Rev 2:36-59 Autumn '79
- Financial management of laboratory contracts. TIG Brief 31:21 Dec 21 '79
- OMB Circular A-109 impact on new development. Dean E. Roberts. illus Def Sys Mgt Rev 2:27-35 Autumn '79
- Program evaluations: A survey technique that gets out in front of the problem. tabs Govt Exec 12:24-26 Sep '80
- Program management by intent. Errol Ekaireb. AF J Log 4:20-22 Summer '80
- Program manager--endangered species? (Gossamer Condor program) Lorrin C. Peterson. illus Natl Def 65:28-32 Aug '80
- System acquisition schedules. TIG Brief 32:8 Jan 11 '80
- Ten principles of project management. Robert E. Donovan. illus Mil Engr 72:339-342 Sep-Oct '80
- Weapon system program acquisition requirements. TIG Brief 32:9 Oct 31 '80

PROGRAMMED LEARNING

- TEC (Training Extension Course)--sure way to learn. illus Soldiers 35:23-24 Oct '80

PROJECT

- See also
Space Project

Arapaho

- A good new idea. CAPT Gerald G. O'Rourke, Ret. illus US Nav Inst Proc 106:42-47 Mar '80
- Navy completes first flight tests on Arapaho--sea trials scheduled 'later this year.' James J. Mulquin. illus Sea Power 23:31-33 Nov '80
- Phase II for Arapaho. James D. Hessman. illus Sea Power 23:38 Aug '80

PROJECT - ContinuedClose Look

Close Look II. Capt James P. Coe. illus MAC Flyer 27:20-23 Jun '80

Close Look II. LtCol William D. Forsythe. illus Air-lift Ops Rev 2:13-20 Jul-Sep '80

Egress Recap
See Project--Homecoming

Green Flag

Green Flag now defines electronic warfare as an offensive weapon. Majs Frank A. Parker and Arthur W. Ritter. illus Def Elect 12:59-60+ Oct '80

Harvest Bare

Harvest Bare revisited: Some lessons learned. LtCol Frank Dooley and Richard C. Lugent. illus AF Engrg & Svcs Qtr 21:13-15 Aug '80

Homecoming

Airlift heritage: Operation Homecoming. Charles W. Dickens. illus Airlift Ops Rev 2:23-29 Jan-Mar '80

PAVE Deuce

Drones take on White Sands missiles. SrAmn Tom Power. illus AF Times 40:31 May 19 '80

Palace Abacus

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:29 Jan '80

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:36 Apr '80

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:34 Jul '80

Notes from the computer resource managers. Maj Wayne Traywick and SMSgt Phil Barrick. illus AF Compt 14:30 Oct '80

Palace Balance

Palace Balance letters no cause for panic. Len Famiglietti. AF Times 41:2 Dec 8 '80

Palace Dollar

Notes from the Palace Dollar team. Maj Gary G. Payne. illus tabs AF Compt 14:35 Jul '80

Notes from the Palace Dollar team: Enlisted career management in Palace Dollar. SSgt Bob Hake. illus tabs AF Compt 14:37 Apr '80

Notes from the Palace Dollar team: Observations after two months at MPC. Capt David T. Redmon. illus AF Compt 14:28 Jan '80

PROJECT - ContinuedPalace Dollar - Cont'd

The Palace Dollar team: CY '80 majors results and 1981 overseas assignments. Capt Charles Carpenter. illus AF Compt 14:31 Oct '80

Peace Pharaoh

Project Peace Pharaoh: Mobility at its best. (Electrical system upgrade at Cairo West Egyptian AFB) CMSgts Joseph H. Smith and Wade H. Grimm illus AF Engrg & Svcs Qtr 21:16-17 Aug '80

Prime BEEF

Dynamic role of readiness training. CMSgt Joseph H. Smith. illus AF Engrg & Svcs Qtr 21:3-5 Aug '80

The Gibraltar of America. (USAF Reservists help restore historic Fort Jefferson) Maj Donald E. Jefferson and Col S. Bruce Beattie. illus Airman 24:45-48 Apr '80

Jack Frost '79. Capt Patrick M. Coullahan and CMSgt Robert B. Wertman. illus AF Engrg & Svcs Qtr 21:6-8 Aug '80

Project Peace Pharaoh: Mobility at its best. (Electrical system upgrade at Cairo West Egyptian AFB) CMSgts Joseph H. Smith and Wade H. Grimm. illus AF Engrg & Svcs Qtr 21:16-17 Aug '80

They are ready! (Prime BEEF units and Rapid Runway Repair course, Eglin AFB, FL) Lt Thomas C. Sliwoski. illus AF Engrg & Svcs Qtr 21:20-21 Aug '80

Prime RIBS

Dynamic role of readiness training. CMSgt Joseph H. Smith. illus AF Engrg & Svcs Qtr 21:3-5 Aug '80

Jack Frost '79. Capt Patrick M. Coullahan and CMSgt Robert B. Wertman. illus AF Engrg & Svcs Qtr 21:6-8 Aug '80

RED HORSE

A horse of a unique color. (819th Civil Engineering Sq) Capt R. A. Torgerson and Maj K. A. Kolz. illus AF Engrg & Svcs Qtr 21:23-25 Aug '80

Touchdown

Project Touchdown: Lending a hand. Maj James I. Clark. illus AF Engrg & Svcs Qtr 21:10-12 May '80

Wild Weasel

How ASD is meeting the needs of the nineties. LtGen Lawrence A. Skantze. illus chart AF Mag 63:37-43 Oct '80

PROMOTIONAir Force--U.S.

See also
Weighted Airman Promotion System

All making Reserve O-4 eligible for Regular. AF Times 40:6 Apr 21 '80

PROMOTION - ContinuedAir Force--U.S. - Cont'd

Art(icle) 15 can delay promotion date. AF Times 40:52 Feb 18 '80

'Best' EM to get quick promotion. Pat Dalton. AF Times 41:1+ Sep 29 '80

Fact versus perception--the "fightergator" enters the 80s. Capt Joseph H. Wehrle, Jr. tabs Aerosp Safety 36:4-6 Oct '80

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Grade relief faces dilemma. John Ginovsky. AF Times 40:3 Apr 7 '80

If degrees carried points ... Bruce Callander. AF Times 40:4+ Jan 28 '80

Inside a promotion board. Maj Gene E. Townsend. illus tabs AF Mag 63:94-98+ Jul '80; Airman 24: 11-18 Oct '80

NCO hikes: Quotas down, but ahead of schedule. illus AF Times 41:24 Sep 29 '80

NCO promotion cycle still ahead of schedule. Pat Dalton. AF Times 41:3 Nov 3 '80

9-level test on way out. AF Times 40:8 Mar 17 '80

OER policy reiterated. AF Times 41:7 Oct 27 '80

Promotion prospects brighter for officers. John Ginovsky. AF Times 40:8 Jun 30 '80

STEP (Stripes for Exceptional Performers) draws fire, but so did WAPS. Bruce Callander. illus AF Times 41:20+ Oct 13 '80

Senior staff changes. Regular feature in issues of Air Force Magazine

13,249 selected for E-5; quotas biggest of year. Bruce Callander. illus AF Times 41:1+ Jul 28 '80

Unit commanders to make BTZ (Below-The-Zone) E-4 hikes. Pat Dalton. AF Times 41:1+ Dec 29 '80

Statistics

Advice to losers--2 out of 5 NCOs seeking E-8 this year made it. Bruce Callander. AF Times 40:6 Jun 23 '80

E-6, 7: Test scores the difference. Bruce Callander. AF Times 40:4 Jul 7 '80

8768 NCOs due hikes Sep 1st. Pat Dalton. AF Times 41:3 Aug 25 '80

1164 named to Chief, first hikes August 1. Bruce Callander. tab AF Times 40:1+ May 5 '80

579 selected for ROPA lieutenant colonel. tab AF Times 41:18+ Sep 1 '80

576 selected by temporary colonel board. AF Times 41:12+ Dec 15 '80

Officer outlook: Hikes going up. John Ginovsky. AF Times 41:3 Aug 11 '80

PROMOTION - ContinuedAir Force--U.S. - Cont'dStatistics - Cont'd

Officers' hike outlook--pin-on a month sooner. tab AF Times 41:4 Sep 1 '80

One in 5 bucking for E-5 made it, statistics show. Pat Dalton. AF Times 41:4 Aug 4 '80

1750 selected lieutenant colonel. AF Times 41:8+ Sep 22 '80

79 generals on selection lists. AF Times 41:14 Dec 1 '80

3640 NCOs to get pre-Yule promotion. Pat Dalton. AF Times 41:2 Nov 24 '80

2865 selected for Regular major. AF Times 41:11+ Nov 10 '80

23,000 selected for E-6, E-7. Bruce Callander. AF Times 40:3 Jun 30 '80

Armed Forces--U.S.

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Marine Corps--U.S.

Corps' promotion policy changes. tab MarCor Gaz 64:8 Oct '80

It's time for rebirth of promotion exams. Capt D.S. Hoeft. illus MarCor Gaz 64:57-60 Feb '80

Navy--U.S.

Retired officer (CDR Edward Rawlins) to collect \$100,000 for nonhike. AF Times 41:8 Dec 8 '80

Reserve Forces--Air Force--U.S.

236 picked for Reserve O-6. AF Times 41:15+ Dec 15 '80

2-star selectees announced. illus MarCor Gaz 64:2 Mar '80

2000 earn hike to ROPA major. AF Times 40:13+ May 19 '80

Statistics

982 selected for permanent ROPA O-3. AF Times 41:11+ Nov 3 '80

Reserve Forces--Army--U.S.

Clearing the path for advancement in the Reserve Components. Capt David T. Zabecki. illus Army 30:33-35 Sep '80

PROPELLANTSSafety Measures

Titan leak forces families to evacuate. Len Falmiglietti. AF Times 40:2 May 12 '80

PROPELLANTS, LIQUID

The importance of ammonia in the metabolic effects of hydrazine. William N. Floyd, Jr. tabs Aviation, Space & Envmt Med 51:899-901 Sep '80

Liquid propellant for cannon artillery? Capt Joseph W. Wilbaugh, Jr. illus Fld Arty J 48:10-14 Nov-Dec '80

PROPERTY, GOVERNMENT

AF not required to buy land (near a base). AF Times 41:10 Oct 27 '80

Checks received from commercial carriers for lost or damaged government property. TIG Brief 32:11 Aug 8 '80

Forests--the Army's greens. SP5 Bill Branley. illus Soldiers 35:46-48 Jul '80

Furniture buying can start again. Paul Smith. AF Times 41:4 Dec 1 '80

How do supplies just slip away? TIG Brief 32:6-7 Nov 28 '80

Property damage claims in favor of the United States. TIG Brief 32:14 Jan 11 '80

Test program will limit liability on 'lost' property. Don Mace. AF Times 41:3 Dec 1 '80

PROPERTY, REAL

AF not required to buy land (near a base). AF Times 41:10 Oct 27 '80

History

Roots: Preserving our history. (Protection of Air Force historic properties) Joan Scott and Capt Stephen Hann. illus AF Engrg & Svcs Qtr 21:18-21 Nov '80

PROPULSION SYSTEMSSee also

Boosters

also specific types of propulsion, e.g., Electric Propulsion

Aeropropulsion Systems Test Facility. Cols Garrett V. Sidler and William K. Officer. illus chart Mil Engr 72:36-40 Jan-Feb '80

PROTOCOL

Guide to Air Force protocol: Etiquette code. AF Times 40:30 Jun 30 '80

When to stand, who goes first, what to bring: Questions and answers about modern military etiquette. Arleen Wadowski. illus AF Times, Times Magazine sup:10-13 Jul 7 '80

PRZEMIENIECKI, Janusz S.

Technological competence and the military commander. J.S. Przemieniecki. AU Rev 32:70-78 Nov-Dec '80

PSYCHIATRY

Aeromedical transportation of psychiatric patients: Historical review and present management. David R. Jones. Aviation, Space & Envmt Med 51:709-716 Jul '80

PSYCHOLOGICAL RESEARCH

Microwaves and psychological conditioning: Breaking the mind barrier. Stefan T. Possony. illus Def & For Aff 8, No.3:46-47 '80

The new mental battlefield: "Beam me up, Spock." LtCol John B. Alexander. illus Mil Rev 60:47-54 Dec '80

PSYCHOLOGICAL WARFARESee also

Vietnamese Conflict, 1957-1975--Psychological Aspects

War--Psychological Aspects

Psychological strategy. Regular feature in some issues of Defense & Foreign Affairs

Psychology, the forgotten tactical tool. LtCol Frederick W. Timmerman, Jr. Mil Rev 60:2-9 Apr '80

PSYCHOLOGYSee also

Behaviorism (Psychology)

Motivation (Psychology)

Humor--a much needed remedy. Mike Nason. illus Sergeants 18:20-22 Dec '80

PUBLIC INFORMATION

DOD specifies what Stealth data is OK. AF Times 41:40 Nov 17 '80

Facts on MX outlined in kit. Len Famiglietti. illus AF Times 41:36 Aug 11 '80

Move would weaken public affairs field. AF Times 41:3 Aug 11 '80

'Mum' still the word on nukes. AF Times 41:16 Oct 27 '80

A successful public affairs representatives program. TIG Brief 32:19-20 Aug 29 '80

Who can I talk to? Capt James P. Coe. illus MAC Flyer 27:18-21 Jan '80

PUBLIC LANDS see Property, GovernmentPUBLIC OPINIONSee also

Vietnamese Conflict, 1957-1975--Public Opinion

The crisis of the presidency. Hy Kaplan. illus Sergeants 18:14-18 Jan '80

PUBLIC RELATIONS

For material on the relations between a base and its neighboring community see Community Relations.

The love-hate affair between the Pentagon and the press. Lloyd Norman. illus Army 30:14-20 Feb '80

Air Force

Commanders and public affairs officers. (Excerpt from presentation, 9th Annual Public Affairs Conference and School, Presidio of San Francisco, March 28, 1980) LtGen Charles M. Hall. AF Plcy Ltr for Comdrs: Sup, pp 26-28, Sep '80

Program (Office of Public Affairs' National Story Program) helps AF writers get stories published. AF Times 41:3 Dec 15 '80

When our leaders deal with the media. BrigGen H.J. Dalton, Jr, Ret. TIG Brief 32:2 Sep 12 '80

Marine Corps

'Stand by for a fighter pilot!' ("The Great Santini") Capt Pat Coulter. illus MarCor Gaz 64:45-52 Feb '80

PUBLIC UTILITIES

DOD against billing people for excess energy use. Randy Shoemaker. AF Times 40:3 Mar 17 '80

Federal activists. H. Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12: 41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-40 Dec '80

The reimbursement. LtCol E.C. Olgeaty. illus AF Compt 14:12-14 Oct '80

PUBLICATIONS, MILITARY

See also
Manuals
Regulations
Technical Orders

PUBLICATIONS, MILITARY - ContinuedUnited States

Facility energy technology transfer. Ed E. Wilson and Capt Philip C. Holden. AF Engrg & Svcs Qtr 21: 28-29 Nov '80

Not all pubs come from the PDO (Publications Distribution Office). TIG Brief 32:21 Aug 8 '80

Professional airlift management education. (Airlift Operations School, Scott AFB, IL) TIG Brief 32:13 Sep 12 '80

Publications management: An opportunity to conserve. TIG Brief 32:21 Jul 25 '80

A quality functional publications library for ARF (Air Reserve Forces) medical units. TIG Brief 32:23 Aug 29 '80

Tables of Allowance: Essential to a sound squadron equipment management program. TIG Brief 32: 11-12 Dec 12 '80

PUBLISHERS AND PUBLISHING

Program (Office of Public Affairs' National Story Program) helps AF writers get stories published. AF Times 41:3 Dec 15 '80

Select base guide publisher with care. TIG Brief 32:8 Oct 31 '80

PYLE, Ernest T.

Ernie Pyle: America's most loved war correspondent. Maj John A. Reichley. por Mil Rev 60:51-53 Apr '80

PYROTECHNICS

Stay safe on the 4th of July. TIG Brief 32:12 Jun 27 '80

QATAREconomic Conditions

Bahrain and Qatar: Economic developments. Carl Bazarian. tab AEI For Plcy & Def Rev 2, No.3-4: 68-70 '80

Politics and Government

Bahrain and Qatar: Sociopolitical developments. Emile A.Nakhleh. AEI For Plcy & Def Rev 2, No. 3-4:65-67 '80

Qatar: Moving in the direction of Kuwait, but slowly. illus Armed Forces J Intl 118:61 Nov '80

Social Conditions

Bahrain and Qatar: Sociopolitical developments. Emile A.Nakhleh. AEI For Plcy & Def Rev 2, No.3-4:65-67 '80

QUALITY CONTROL

Accounting and finance office quality assurance program. TIG Brief 32:5 Jul 25 '80

Ammunition surveillance. John S.Crossette. illus Army Log 12:6-8 May-Jun '80

A look at quality assurance through the audit process. Phyllis J.Hansen. Aviation, Space & Envmt Med 51:937-938 Sep '80

The Materiel Deficiency Reporting (MDR) system: A bit of philosophy. TIG Brief 32:9-10 Dec 12 '80

Nursing introspection: Peer review. Rosa Lee Cook. tabs Aviation, Space & Envmt Med 51:1159-1162 Oct '80

Reporting Category II quality Materiel Deficiency Reports (MDRs). TIG Brief 32:7 Jul 11 '80

Service contracts. TIG Brief 32:18 Jan 25 '80

X-rays test military aircraft. Richard J.Meyer. illus Natl Def 64:38-39 Jun '80

QUARTERS ALLOWANCES

BAQ plan stirs pay cut fears. Paul Smith. AF Times 40:7 May 26 '80

Congress wants VHA paid at full rate. AF Times 41:3 Sep 15 '80

Couple may lose BAQ. Bruce Callander. AF Times 40:1+ Jan 14 '80

DOD plan: More quarters \$\$ for few? AF Times 40:1+ May 19 '80

DOD readies VHA for Oct 31 checks. Tom Philpott. AF Times 41:1+ Oct 13 '80

DOD shelves HA (Housing Allowance) revamp this year. Richard C.Barnard. AF Times 40:4 Feb 4 '80

DOD supports VHA (Variable Housing Allowance) now, changes later. Paul Smith. AF Times 40:1+ Jun 2 '80

Defense officials near accord on VHA policy. AF Times 41:2 Sep 29 '80

Fight brewing over split raise. Tom Philpott. tabs AF Times 40:1+ Jul 21 '80

HA rates to rise sharply in Japan (and Italy). AF Times 40:4 Jun 2 '80

How to calculate your VHA. Tables only. AF Times 41:24-25 Oct 27 '80

In Alaska ... COLA is a way of life. Elinor E.Matis. illus AF Compt 14:34-36 Jan '80

(Leased) housing phase-out won't hurt occupants. AF Times 41:15 Nov 10 '80

More than half million to get VHA if Congress passes Nunn-Warner. AF Times 41:3 Jul 28 '80

98 percent living off base to get VHA by Oct 31. Tom Philpott. tab AF Times 41:1+ Oct 27 '80

Nunn-Warner action: Panel (House Armed Services Committee) votes VHA (Variable Housing Allowance) as a 'right.' AF Times 40:1+ Jun 23 '80

Nunn-Warner, dental plan get Carter okay. AF Times 40:1+ Jun 9 '80

Nunn-Warner nears Hill OK. AF Times 41:3 Aug 18 '80

O'seas housing allowance, VHA: How the systems work. AF Times 41:4 Aug 18 '80

Proposed HA cuts called unfair. Richard C.Barnard. AF Times 40:4 Mar 17 '80

Services fear end to leased housing. AF Times 41:14 Aug 18 '80

VHA payments expected in Oct--survey comes first. AF Times 41:30 Sep 22 '80

VHA rates by grade coming next October? AF Times 41:3 Nov 10 '80

VHA (Variable Housing Allowance) asked for kin left behind in CONUS. Martha Lynn Craver and Paul Smith. AF Times 40:1+ Jun 16 '80

VHA (Variable Housing Allowance) money 'won't do it right.' Tom Philpott. AF Times 41:4 Aug 18 '80

VHA will be paid for all of October. Tom Philpott. AF Times 41:3 Oct 20 '80

QUESTIONNAIRES see Surveys

RIF see Reduction in Force

ROA see Reserve Officers Association of the U.S.

ROPA see Reserve Officer Personnel Act

ROTC see Reserve Officers Training Corps

RACE PROBLEMS see Race Relations

RACE RELATIONS

A city in pain. (Riots in Miami) illus Natl Guard 34: 8-11 Jul '80

GIs in the Klan--a look under their hoods. Lothar H. Wedekind. illus AF Times, Times Magazine sup: 4-8 Jul 7 '80

A reanalysis of the Wallace movement. Ira M. Wasserman. tabs J Pol & Mil Sociol 7:243-256 Fall '79

Study and Teaching

New directions for equal opportunity. M. Kathleen Carpenter. illus tab Defense/80, pp 2-15, Feb '80

RADAR

Air defense radars--solutions from Selenia. Gowri S. Sundaram. illus Intl Def Rev 13, No. 1:67-69 '80

Millimeter radar: Fundamentals and applications. E.K. Reedy. illus tabs Mil Elect/Countermeasures 6:62-65 Aug '80; pt 2, 6:95-96+ Sep '80

Multistatic radar systems for air defense. David M. Zasada. illus tab Signal 34:65+ May-Jun '80

Primary radar--a continuing role in ATC. illus tab Interavia pt 1, 35:455-456 May '80; pt 2, Interavia surface radar catalogue. 35:642-644 Jul '80

RF-4C radar predictions. Maj Richard F. Masse. illus tab Navigator 27:12-14 Winter '80

Radars for low-level target acquisition. illus Armada Intl 4:38+ May-Jun '80

The Royal Navy's Type 22 frigate. R. B. Pengelley. illus tab Intl Def Rev 13, No. 1:70-74 '80

Single radar network in space is contemplated. illus Def Elect 12:33 Feb '80

Solid state radars need minimal maintenance. illus Def Elect 12:27 Nov '80

UKADGE (United Kingdom Air Defence Ground Environment)--latest development for the ground defence environment. Dan Boyle. illus Interavia 35: 922 Oct '80

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No. 6:887-890 '80

Study and Teaching

Firefinder simulator--a new era in training. WO Thomas Curran and Raymond O. Waldkoetter. illus Fld Arty J 48:15-17 Nov-Dec '80

RADAR - Continued

Weather Applications

Inflight weather avoidance service. Maj G. E. Schrimpf. illus Aerosp Safety 36:2-4+ Apr '80

Radar--a primer for pilots and engineers. Maj James G. Gibson II. illus MAC Flyer 27:20-22 Mar '80

Thunderstorm avoidance using airborne radar. Capt Robert E. Leblanc. illus Aerosp Safety 36:10-12 Jun '80

RADAR, AIRBORNE

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

(Boeing E-3A Sentry Airborne Warning and Control System) Jay Miller. illus AF Times 41:14 Nov 10 '80

High-resolution mapping in forward mode for new F-15B Strike Eagle. illus Def Elect 12:28-29 Nov '80

Interavia review of western airborne attack radar systems. illus tabs Interavia 35:251-258 Mar '80

Multiple role radar designed for F/A-18. Robert E. White. illus Def Elect 12:44-47 Jan '80

Pop to freeze. Capt George T. Huggins. illus USAF Ftr Wpns Rev, pp 27-30, Spring '80

Radar--a primer for pilots and engineers. Maj James G. Gibson II. illus MAC Flyer 27:20-22 Mar '80

Sea Searcher contract. illus Asian Def J No. 3:132-133 May-Jun '80

Strike Eagle proposed for air-to-ground missions. Charles Gilson. illus Intl Def Rev 13, No. 8:1188-1189 '80

Tactical bistatic radar demonstrated. Robert Blumgold. illus tabs Def Elect 12:78-80+ Dec '80

Thomson-CSF TMV 026 EW system. illus Armada Intl 4:60+ May-Jun '80

Thunderstorm avoidance using airborne radar. Capt Robert E. Leblanc. illus Aerosp Safety 36:10-12 Jun '80

USAF millimetre-wave seeker developments. Albert N. DiSalvio. illus Intl Def Rev 13, No. 1:42-46 '80

RADAR AIDS TO AVIATION

Advances in target acquisition and missile guidance. John S. Phillip. illus Asian Def J No. 3:56+ May-Jun '80

Britain's new air traffic control radar network. Willem C. Stokhof and Peter Garside. illus map Interavia 35:631-633 Jul '80

Find the beacon. Capt James R. Prideaux. illus Combat Crew 30:12-14 Dec '80

MSAW (Minimum Safe Altitude Warning)--pilot's friend. SMSgt Marshall E. Holman. illus tab Aerosp Safety 36:14-15 Sep '80

RADAR AIDS TO NAVIGATION - Continued

- Near disaster. illus Aerosp Safety 36:2-5 Aug '80
- Sea Searcher contract. illus Asian Def J No.3:132-133 May-Jun '80
- Thunderstorm avoidance using airborne radar. Capt Robert E. Leblanc. illus Aerosp Safety 36:10-12 Jun '80

RADAR APPROACH CONTROL see Ground-Controlled ApproachRADAR COUNTERMEASURES see Electronic Counter-measuresRADAR EQUIPMENT

- Advanced concepts for tactical surveillance and target acquisition. Col Donald J. Stukel. illus Signal 35:45-47 Oct '80
- Air defence of land forces in the 1980s. Col Norman L. Dodd. illus Asian Def J No.2:62-63+ Mar-Apr '80
- An alternative to rotating radars for aircraft carriers. ADM Gerald E. Miller, Ret and Roy J. Biondi. illus tabs US Nav Inst Proc 106:98-101 Jan '80
- Competition for Swiss radar order tightens. Felix Müller. illus Armada Intl 4:54+ Sep-Oct '80
- Dangerous midnight--delay, confusion on road to a night tank killer. David Harvey. illus Def & For Aff 8:12-15+ Nov '80
- GRETA (Ground Radar Emitter for Training Aviators) has arrived. Maj James E. Johnson. illus USA Avn Dig 26:40-41 Jul '80
- Iguane family of naval radars. Robert Salvy. illus Armada Intl 4:34+ Mar-Apr '80
- Jamming frequency agile radars. Bengt Bergkvist. illus tabs Def Elect 12:75-78+ Jan '80
- Log amplifiers balance IF and RF signals for radar and ECM receivers. M. Parkyn. illus tabs Def Elect 12:84-88 Dec '80
- Military space maneuvers in the '80s. Deborah M. Kyle and others. illus Armed Forces J Intl 117:36-38+ Jul '80
- Multiple role radar designed for F/A-18. Robert E. White. illus Def Elect 12:44-47 Jan '80
- Radars for low-level target acquisition. illus Armada Intl 4:38+ May-Jun '80
- Rising demand for surveillance radars. Robert Heck. illus Armada Intl 4:36+ Jan-Feb '80
- Solid-state radar switchboard (for ships). Paul Thiebaud and David C. Cross. illus Mil Elect/Countermeasures 6:44+ Jul '80
- Today's and tomorrow's Signaal. Robert L. Scheina. illus Armada Intl 4:124+ Mar-Apr '80
- Trends in radar missile guidance. Hans A. Maurer. illus tabs Intl Def Rev 13, No.9:1415-1422 '80

RADAR EQUIPMENT - Continued

- VHSICs to impact next-generation radar warning receivers. Harry F. Eustace. illus Def Elect 12:69-70+ Jan '80
- Visual search performance during simulated radar observation with and without a sweepline. Richard I. Thackray and R. Mark Touchstone. illus tabs Aviation, Space & Envmt Med 51:361-366 Apr '80
- Wave to 'tipsey' (TPS-43E). 2dLt Debra Watros. illus Air Reservist 32:16-17 Jun '80

Characteristics

- Interavia review of western airborne attack radar systems. illus tabs Interavia 35:251-258 Mar '80
- Multistatic radar systems for air defense. David M. Zasada. illus tab Signal 34:65+ May-Jun '80
- Phased array radar being used on moving trucks. illus Def Elect 12:28+ Sep '80
- Surface radar catalogue. illus tabs Interavia 35:457-470 May '80
- Thunderstorm avoidance using airborne radar. Capt Robert E. Leblanc. illus Aerosp Safety 36:10-12 Jun '80

RADAR NAVIGATION

- Find the beacon. Capt James R. Prideaux. illus Combat Crew 30:12-14 Dec '80
- Sea Searcher contract. illus Asian Def J No.3:132-133 May-Jun '80

RADAR STATIONS

- FAA, AF meld radar nets. Stephanie A. Carter. illus AF Times 40:14 Mar 3 '80
- Pave Paws at Otis (AFB, MA) now operational. AF Times 40:17 Apr 21 '80
- Team in Saudi operating radar. AF Times 41:3 Oct 30 '80

RADFORD, Arthur W.

- North to Alaska. (Alaskan aerial survey expedition, 1928) ADM Arthur W. Radford, Ret. por US Nav Inst Proc 106:78-83 Sep '80

RADIATIONSee also
Cosmic Rays

- Alpha particle-induced soft errors in microelectronic devices. Capt D. John Redman and others. tabs illus Mil Elect/Countermeasures pt 1, 6:42-47 Mar '80; pt 2, 6:40+ Apr '80
- Exposure to radio-frequency radiation from an aircraft radar unit. Robert A. Williams and Thomas S. Webb. Aviation, Space & Envmt Med 51:1243-1244 Nov '80
- Little peril seen in A-radiation (in soldiers and marines who occupied Hiroshima and Nagasaki after those cities were atom-bombed). AF Times 41:22 Aug 25 '80

RADIATION - Continued

The Three-Mile mission. (AF helicopters from Andrews AFB, MD, provide transportation for officials monitoring escaping radiation at Three-Mile Island) Airman 24:43 May '80

Safety Measures

How safe is your industrial X-ray program? TIG Brief 32:7 Aug 29 '80

Nuclear weapon radiation levels. TIG Brief 32:15-16 May 16 '80

RADIO, AIRBORNE

The ARINC data link network; An integral part of airline command and control. Richard J. Otero. illus map Signal 34:23-26 Jul '80

Space shuttle radios being tested by RCA. Signal 34:100 Feb '80

RADIO AIDS TO AVIATION

The ARINC data link network; An integral part of airline command and control. Richard J. Otero. illus map Signal 34:23-26 Jul '80

RADIO ASTRONOMY

See also
Telescopes, Radio

The global radio solar telescope network. Robert Seitz and H. Ewen. illus Signal 34:53-56 Jan '80

RADIO COMMUNICATIONS

An application of packet communications techniques to improve the Navy C² process. Thomas Barry Hughes. tabs illus Signal 34:49-54 Feb '80

Assessing HF propagation conditions in real time. John Beach. illus Def Elect 12:21-22 May '80

The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

ELF (Extremely Low Frequency) debate continues. Col Warren P. Baker, Ret. illus Sea Power 23: 55-57 Apr '80

ELF (Extremely Low Frequency) update. Ronald K. Jurgens. illus US Nav Inst Proc 106:135-136 Mar '80

Manpack radios--the State of the Art. illus tabs Intl Def Rev 13, No.4:599-604 '80

Message handling on ships--rationalisation by distributed data-processing. LtComdr Siegfried Netzbund and Heinz Schwarzer. illus Intl Def Rev 13, No.6:883-886 '80

Millimeter wave radio. J.W. Strozzyk and others. tabs Signal 35:49-54 Nov '80

SAM (Send-A-Message) may become an international messenger. Rush Wicker. tab USA Avn Dig 26: 14-15 Nov '80

Secure on-line TTY communication via HF radio in naval and airfield deployment. Kirk H. Kirchhofer. illus Armada Intl 4:88-89+ Mar-Apr '80

RADIO COMMUNICATIONS - Continued

Space shuttle radios being tested by RCA. Signal 34:100 Feb '80

Updating command and control systems in NATO. Erik Klippenberg. Signal 35:31-33 Dec '80

WARC (World Administrative Radio Conference)-79 and its impact on defense and national security. William J. Cook. Signal 34:11-15 Jul '80

History

ELF (Extremely Low Frequency): To communicate with a submerged submarine. Edward L. Beach. illus Def Elect 12:54+ Apr '80

RADIO COUNTERMEASURES see Electronic Countermeasures

RADIO EQUIPMENT

Air Force and Marine Corps develop new portable radio. Signal 34:102 Feb '80

The global radio solar telescope network. Robert Seitz and H. Ewen. illus Signal 34:53-56 Jan '80

Characteristics

Manpack radios--the State of the Art. illus tabs Intl Def Rev 13, No.4:599-604 '80

Maintenance and Repair

Beaming in on the disposable radio. Carroll E. Garrison. illus Def Mgt J 16:28-31 Third Quarter '80

RADIO FREQUENCY

Assessing HF propagation conditions in real time. John Beach. illus Def Elect 12:21-22 May '80

Atmospheric effects on radio wave propagation. John B. Beach. illus tabs Def Elect pt 1, 11:95-98 Dec '79; pt 2, 12:75-76+ Feb '80; pt 3, Atmospheric effects on IR/EO propagation. 12:77-78+ Apr '80

ELF (Extremely Low Frequency) debate continues. Col Warren P. Baker, Ret. illus Sea Power 23: 55-57 Apr '80

ELF (Extremely Low Frequency): To communicate with a submerged submarine. Edward L. Beach. illus Def Elect 12:54+ Apr '80

ELF (Extremely Low Frequency) update. Ronald K. Jurgens. illus US Nav Inst Proc 106:135-136 Mar '80

The future of HF communications in C³. J.D. Cosgrove and H.W. Swan. illus map Signal 34:15-17+ Feb '80

HF radio program for the future. Michael J. DiJulio. Signal 35:16-17 Nov '80

Secure on-line TTY communication via HF radio in naval and airfield deployment. Kirk H. Kirchhofer. illus Armada Intl 4:88-89+ Mar-Apr '80

Spread spectrum technology. (Convention panel, AFCEA, Washington, June 25, 1980) J.N. Birch and others. illus tab Signal 34:49+ Aug '80

RADIO OPERATORS

Ham radio & MARS news. Regular feature in issues of Signal

RADIO TELEPHONES

Hand-held intrabase radios: A security hazard? TIG Brief 32:4 Mar 21 '80

RADIO WAVES

Atmospheric effects on radio wave propagation. John B. Beach. illus tabs Def Elect pt 1, 11:95-98 Dec '79; pt 2, 12:75-76+ Feb '80; pt 3, Atmospheric effects on IR/EO propagation. 12:77-78+ Apr '80

RADIOACTIVE WASTE

Cleaning up after the bomb: Peacetime perils on a Pacific atoll (Eniwetok). Claudia Nichols. illus AF Times, Times Magazine sup:4-8+ Jun 2 '80

Disposal of radioactive wastes--current programs and developing policy. Colin A. Heath. illus Mil Engr 72:164-167 May-Jun '80

RADIOLOGICAL WARFARE see Nuclear Warfare

RAFTS

Pop goes the life raft! Pat Henry and Frank Manie. illus Aerosp Safety 36:4-5 Jan '80

RAILEY, Hilton H.

The Railey report and Army morale, 1941: Anatomy of a crisis. Maj Stephen D. Westbrook. Mil Rev 60: 11-24 Jun '80

RAILROADS

COREX-80 a success. (First command post exercise under MTMC Contingency Response (CORE) Program) illus Translog 11:10-11 Dec '80

Railroads are our speciality. (Army Reserve rail units) Capt J. Michael Sulzbach. illus Translog 11: 12-14 Nov '80

China (People's Republic)

Observations on ports and railroads (in China). George L. Richardson. illus map Translog 11:4-6 Feb '80

Europe, Western

'Have gun will travel.' (Rail security for the Army in Europe) G.S. Taylor. illus Translog 11:17 Apr '80

United States

DOT Secretary on railroad needs. (Testimony prepared for Senate Committee on Commerce, Science, and Transportation) Neil Goldschmidt. Translog 11:15 Jan '80

"New Orient Express" bridges China, U.S. trade. Albert Hoeft and Michael Karl. illus Def Trans J 36:28-34 Aug '80

New roles for intermodalism. Jim Wright. illus Def Trans J 36:4-6+ Jun '80

RAILROADS - ContinuedUnited States - Cont'd

The railroad and deployment. Capt Bruce P. Schoch. illus Translog 11:7-9 Aug '80

Uncertainty shadows year of progress on rails. illus Translog 11:14-16 Jan '80

History

The railroad and deployment. Capt Bruce P. Schoch. illus Translog 11:7-9 Aug '80

Yankee Boomers in action (Military Railway Service). Kevin Conley Ruffner. illus Translog 11:1-5 Mar '80

Laws and Regulations

DOT Secretary on railroad needs. (Testimony prepared for Senate Committee on Commerce, Science, and Transportation) Neil Goldschmidt. Translog 11:15 Jan '80

RALPH, John E.

The emperor's close air support. GpCapt Ian Madelin. AU Rev 31:82-86 Nov-Dec '79; Comment. MajGen John E. Ralph. 31:95-96; Comment. LtCol Robert B. Savage, Jr. 31:96-100; Comment. Maj Patrick J. Finneran, Jr. 31:100-103; Comment. Maj Lawrence G. Kelley. 31:103-104; Response. GpCapt Ian Madelin. 31:104-105 May-Jun '80; Comment. Maj Michael O. Beck. 31:97-101 Sep-Oct '80

RANGERSSee also

Commandos

The Ranger Course. Capt Ernest W. Cooler. illus Infantry 70:30-36 Sep-Oct '80

RANKAir Force

Congress OKs officer grade relief. AF Times 41:15 Sep 15 '80

DOPMA action: Panel (House Subcommittee on Military Compensation) may eye grade tables. AF Times 40:3 Jan 28 '80

Grade relief faces dilemma. John Ginovsky. AF Times 40:3 Apr 7 '80

Grade tables: New version. Martha Lynn Craver. AF Times 40:3 Mar 17 '80

RAPID DEPLOYMENT FORCE

Analyzing the RDF (Rapid Deployment Force); commentary on defense policy. LtCol G.D. Batcheller. illus MarCor Gaz 64:16-18 Jun '80

Busy Prairie. (SAC's Strategic Projection Force supports the Rapid Deployment Joint Task Force) LtCol George L. Newton III. illus Combat Crew 30: 4-7+ Dec '80

C-141 crash kills 13 in 'Bright Star.' AF Times 41:4 Nov 24 '80

RAPID DEPLOYMENT FORCE - Continued

Congress speeds up light armored vehicle alternatives for RDF forces. Deborah M. Kyle and Benjamin F. Schemmer. illus Armed Forces J Intl 117:16+ Aug '80

A force in being? Or still on the drawing board? Bonner Day. illus Sea Power 23:34-40 Nov '80

Improving our rapid deployment force capability: Can it be done sooner and cheaper? Clinton H. Whitehurst, Jr. illus Def Trans J 36:22-24+ Sep '80

Laird: Only six percent of U.S. forces 'ready now'-- but there's also a six percent solution. James D. Hessman. Sea Power 23:39-40+ Oct '80

Limited U.S.-Soviet conflict and the RDF. F.J. West, Jr. illus MarCor Gaz 64:39-46 Aug '80

The Marine Corps as a rapid deployment force. LtCol David A. Quinlan. illus map MarCor Gaz 64:32-40 Mar '80

Mobility forces. (Extracted from Air Force Report to 96th Congress) illus Airlift Ops Rev 2:9-10 Jul-Sep '80

A more rapidly deployable force. Charles W. Bernard illus tabs map Natl Def 65:33-36+ Oct '80

150 new crews OK'd for airlift training. Lee Ewing. illus AF Times 41:16 Aug '80

Prepared to respond. (Rapid deployment force) MSgt Matt Glasgow. illus Soldiers 35:10-14 Aug '80

RDF and the RDJTF (Rapid Deployment Joint Task Force). LtCol E.P. Noll. illus MarCor Gaz 64:30-32 Aug '80

RDF--valid and necessary, but some negative implications. Maj Joseph R. Holzbauer. illus MarCor Gaz 64:33-38 Aug '80

Rapid deployment: A questionable trump. Thomas Toch. (Reprinted from Baltimore Sun, July 6, 1980) Parameters 10:89-91 Sep '80

The rapid deployment force--a future muscle for America. Hy Kaplan. illus Sergeants 18:18-20 Mar '80

Rapid deployment force C³. (Convention panel, AFCEA, Washington, June 26, 1980) RADM Jerry O. Tuttle and others. illus Signal 34:75+ Aug '80

The rapid deployment force: Criteria and imperatives. LtGen Victor H. Krulak, Ret. illus Strat Rev 8: 39-43 Spring '80

Rapid deployment force gets test (in Exercise Dragon Team). Lee Ewing. AF Times 41:14 Jul 28 '80

The rapid deployment force: How much, how soon? Col Raymond E. Bell, Jr. illus Army 30:18-24 Jul '80

The Rapid Deployment Joint Task Force. LtCol Thomas M. Johnson and LCDR Raymond T. Barrett. illus US Nav Inst Proc 106:95-98 Nov '80

The U.S. Navy's LHA program. Konrad Alder. illus tab Armada Intl 4:80+ May-Jun '80

RAPID DEPLOYMENT FORCE - Continued

"We will do whatever the country wants us to do." Interview. Gen Robert H. Barrow. illus Armed Forces J Intl 118:34+ Nov '80

Western military capability in the Middle East. AM Frederick Sowrey. illus map NATO's Fifteen Nations 25:28-30+ Oct-Nov '80

RATED PERSONNEL see Aeronautical Ratings

RATINGS

See also
Aeronautical Ratings
Effectiveness Reports

RATIONS

Food services held 'vulnerable to fraud.' John Ginvovsky. AF Times 40:2 Jul 21 '80

Marines are testing new emergency assault food packet (for) cold weather environments. illus MarCor Gaz 64:4 Mar '80

REACTION TIME

Cardiovascular and sympathetic reactions to in-flight emergency responses among base fire fighters. Ben F. Hurley and others. tabs Aviation, Space & Envmt Med 51:788-792 Aug '80

Reinforcing NATO--rapidly. (From remarks to the National Strategic Mobility Conference, Washington, May 28, 1980) Gen W.Y. Smith. illus Defense/80, pp 2-7, Aug '80

READINESS COMMAND

Dress rehearsal in winter garb. illus Translog 11: 6-8 Jan '80

Empire Glacier '80. illus Air Reservist 32:6-7 Apr '80

Gallant Eagle '80. illus Air Reservist 32:16-17 May '80

READING, PROFESSIONAL see Professional ReadingREADING, REMEDIAL see Remedial ReadingREADING AND BOOKS see Books and ReadingREAGAN, Ronald

Excerpts from Governor Reagan's speech on Stealth leaks (Jacksonville, FL, Sep 4, 1980). SecDef Brown's rejoinder. Armed Forces J Intl 118:72 Oct '80

Hope for Reagan's mandate (restoration of U.S. military power parity with the USSR). LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 24 '80

Reagan, Anderson voice views on pay, manpower. por AF Times 41:14 Oct 6 '80

Reagan criticizes Carter on military. AF Times 40:12 Mar 31 '80

Reagan made many promises. Bruce Callander. por AF Times 41:3+ Nov 17 '80

REAGAN, RONALD - Continued

Who is war candidate? LtGen Ira C.Eaker, Ret. AF Times 41:19-20 Nov 3 '80

REAL ESTATE see Property, RealREAL PROPERTY see Property, RealREAR AREA PROTECTION

How far back is the rear? Capt Karen L.Frey. illus Mil Rev 60:64-66 Feb '80

Tactics of desperation: Rear area protection fits that description. Capt Bruce P.Schoch. illus Army Log 12:16-19 May-Jun '80

REARMAMENT

Will Russia permit Western rearmament? LtGen Ira C.Eaker, Ret. AF Times 40:19-20 Apr 21 '80

RECONNAISSANCE

(Camp) Lejeune (NC), (Camp) Pendleton (CA) Marines now testing new recon systems (MARS, Marine Amphibious System). illus MarCor Gaz 64:7 May '80

Independent operations. Maj-Gen L.Korzun. illus Soviet Mil Rev No.4:26-28 Apr '80

Needed: A mobile scout team. Maj Maxwell O.Johnson. MarCor Gaz 64:18-20 Jul '80

Reconnaissance forces in the Central Region. Brig Greg Read. illus NATO's Fifteen Nations Special Issue No.1:129-130+ '80

A Soviet view: Reconnaissance in exercises. LtGen S.Rizatdinov. (Abstracted from Soviet Press: Selected Translations, April 1980). illus Infantry 70:25-27 Jul-Aug '80

Tactical reconnaissance. Maj-Gen F.Gredasov. illus Soviet Mil Rev No.3:34-35 Mar '80

RECONNAISSANCE, AERIALSee also

Satellites, Reconnaissance

Coronet Bridle: Duluth's 148th Tactical Recon Group deploys to Germany. TSgt Dick Palmer. illus Natl Guard 34:14-16 Apr '80

Helicopter reconnaissance. MajGen M.Belov. Soviet Mil Rev No.2:29-31 Feb '80

The high rollers from Reno. (Nevada ANG 152d Tactical Reconnaissance Group) Capt Dick Sheffield. illus Airman 24:44-48 Sep '80

15th Military Intelligence Aerial Exploitation Battalion (15th MI AEB). Richard P.Fulton. illus USA Avn Dig 26:42-45 Oct '80

Navy picks AN/AAD-5 infrared reconnaissance set for its tactical air reconnaissance pod system. Ralph L.Nardone. illus Def Elect 12:23-24+ Oct '80

New equipment for intelligence analysis. Signal 35:82 Sep '80

RECONNAISSANCE, AERIAL - Continued

Photographic satellite reconnaissance. CDR Cecil B. Jones, Jr, Ret. illus US Nav Inst Proc 106:41-51 Jun '80

Red Flag '80: A recce view. SSgt Frank Bean. illus Air Reservist 32:16-17 Sep-Oct '80

Tactical strike reconnaissance: Airpower's oldest profession. Ken Nolde. illus Def & For Aff 8: 14-16+ Oct '80

History

The professor (T.S.C.Lowe) and his lighter-than-air corps. Maj Robert M.Smith, Ret. illus Army 30:39-41 Aug '80

RECORDING INSTRUMENTS

Salvaging signal intelligence lost on tape. David C. Robinson. illus Def Elect 12:49+ Nov '80

RECORDSSee also

Forms, Military

Air Force

Nursing history format. TIG Brief 32:14 Jan 25 '80

When (medical) records can be released. AF Times 40:15 Mar 3 '80

RECORDS MANAGEMENT PROGRAMAir Force

Publications management: An opportunity to conserve. TIG Brief 32:21 Jul 25 '80

A quality functional publications library for ARF (Air Reserve Forces) medical units. TIG Brief 32:23 Aug 29 '80

RECREATION

AAFES to 'pay' Hale Koa. AF Times 40:6 Jan 21 '80

Fiddling with guitars. (Capt Mark A.Williams makes guitars as a hobby) SSgt Jim Katzaman. illus Airman 24:15-17 Aug '80

GAO is critical of rec facilities. AF Times 41:46 Sep 29 '80

Games people play. SSgt Jim Boersema. illus Soldiers 35:48-50 Jun '80

Hale Koa holiday. Helen Kay Ellsworth. illus map Soldiers 35:42-44 Dec '80

Let's all get behind MWR (Morale, Welfare and Recreation). Col Irv R.Gerrow. illus AF Compt 14:15 Oct '80

Skindiving: A wild, wet world. MSgt Matt Glasgow. illus Soldiers 35:15-18 Sep '80

Slots test: 270 slated for five o'seas sites. Len Famiglietti. AF Times 40:2 Apr 14 '80

RECREATION - Continued

Thank you for the memories. (The many contributions of entertainer Bob Hope) TSgt Alan Prochoroff. illus Airman 24:2-8 Dec '80

Topless go-go gone. Len Famiglietti. AF Times 40:1+ Feb 11 '80

A very tender touch. (Volunteers, mostly from Wilford Hall USAF Medical Center, run a week's camp for handicapped children) SMSgt Dave Sheeder. illus Airman 24:20-26 Sep '80

When the show goes on. (1980 Air Force Worldwide Talent Contest, Travis AFB, CA) TSgt Alan Prochoroff. illus Airman 24:2-8 Jul '80

Your travel club--recreational sites at military posts. SSgt Jim Boersema. map Soldiers 35:26-30 May '80

RECRUITING AND ENLISTMENT

See also
Reenlistment

Air Force--U.S.

Air Force manpower overview. (Presentation, Subcommittee on Military Personnel, House Armed Services Committee, Washington, Feb 25, 1980) Joseph C. Zengerle. tabs AF Plcy Ltr for Comdrs: Sup, pp 11-22, May '80

The best of the fair. (USAF members help judge school science fairs, give encouragement and awards to the winners) Sgt Craig Pugh. illus Airman 24:9-13 Sep '80

Birds of a feather. (Go-carts with model Thunderbirds attached take part in parades and other festivities) illus Airman 24:27-29 Jul '80

Fine-tuning enlisted incentives. Ed Gates. illus AF Mag 63:56-59 Apr '80

For FY '81, AF needs 83,000 officers, EM. AF Times 41:3 Nov 3 '80

Manning: Can inflation help? Bruce Callander. AF Times 40:4 Apr 14 '80

Next: Shortage of engineers. John Ginovsky. AF Times 41:19 Dec 29 '80

'81 recruiting goal up 7700 from '80. Len Famiglietti. tab AF Times 40:17 Mar 17 '80

Operation Science Fair. SSgt Don McSherry. illus Air Reservist 33:12-13 Nov '80

Recruiting: Job choice system improved. Pat Dalton. AF Times 41:6 Jul 28 '80

Safety recruiting. TIG Brief 32:14 Nov 14 '80

Selling Uncle Sam: What every recruiter's wife should know. Barbara Wills. illus AF Times, Times Magazine sup:4-7 Aug 4 '80

The USAF Recruiting Team of the Year (for 1979). SSgt Douglas J. Gillert. illus AF Mag 63:50-51 Aug '80

RECRUITING AND ENLISTMENT - ContinuedArmed Forces

The selection of modern warriors. (Report of a seminar, RUSI, May 17, 1979) Hugh L'Etang and others. RUSI J for Def Studies 124:11-18 Dec '79

Armed Forces--U.S.

AF losing fight over AFQT (Armed Forces Qualifications Test) scores. AF Times 41:6 Nov 3 '80

AF tops Services in signing grads. AF Times 41:17 Sep 15 '80

The Admiral's land command. (RADM Thomas F. Brown III, current head of the Military Enlistment Processing Command) Sgt Craig Pugh. illus Airman 24:40-43 Nov '80

Alienation, anomie, and combat effectiveness. Maj Daniel W. Jacobowitz. illus AU Rev 31:21-34 Sep-Oct '80

All Services meet or exceed recruiting goals thus far. AF Times 41:28 Oct 6 '80

All Services met recruiting goals; AF best. AF Times 41:11 Nov 24 '80

Amendment (to Title 10 of the U.S. Code) seen aid to high school recruiting. AF Times 41:6 Sep 22 '80

Bureaucratic and administrative hamstrings are hobbling the all volunteer force. Benjamin F. Schemmer. Armed Forces J Intl 117:64-65 Apr '80

Carter backs recruiters seeking student lists. Tom Philpott. AF Times 41:2 Aug 25 '80

The continuing military manpower crunch. Robert B. Pirie. tab Defense/80, pp 4-5, Jan '80

DACOWITS--no sexism in recruiting literature. AF Times 40:17 Jan 14 '80

DOD may pay student loans for key EM. Paul Smith. AF Times 41:3 Oct 27 '80

Enlistment during the Vietnam era and the "representation" issue of the all-volunteer force. Patricia M. Shields. tabs Armed Forces & Soc 7:133-151 Fall '80

Enlistment test scores: What do they really measure? Robert B. Pirie, Jr. illus Defense/80, pp 10-13, Jun '80

GAO report urges flexibility: Budget plans hurting recruiting. AF Times 41:47 Nov 3 '80

The high school testing program: A cost-effective recruitment tool. Gus C. Lee. illus tabs Def Mgt J 16:14-21 First Quarter '80

Hill (Congressional Budget Office) study--bigger pay raise is needed. Martha Lynn Craver. AF Times 40:1+ Jun 9 '80

Military manpower in the 1980's: Issues and choices. Martin Binkin. Intl Sec Rev 5:347-374 Fall '80

Military personnel problems reach crisis stage--Laird proposes sweeping compensation reforms as 'partial solution.' Melvin R. Laird. illus Sea Power 23:23-28 Mar '80

RECRUITING AND ENLISTMENT - ContinuedArmed Forces--U.S. - Cont'd

Patriotism and strength. GySgt Thomas G. Poulk. MarCor Gaz 64:24 Nov '80

Recruit scores: 6 times more Category IVs than reported. tab AF Times 41:3 Jul 28 '80

Recruiting commentary: When testing is labeling. Bruce Callander. AF Times 41:20+ Oct 6 '80

Recruiting--opportunities could decline for minorities. Tom Philpott. tab AF Times 41:20 Oct 6 '80

(Sen) Armstrong offers new GI Bill to boost recruiting incentives. Deborah M. Kyle. Armed Forces J Intl 117:14 Aug '80

Services tap lower mental groups. Andy Plattner. AF Times 40:2 Mar 10 '80

Services told to lower exam qualifying scores. AF Times 41:2 Oct 27 '80

Should AVF's racial mix concern us? Tom Philpott. tab AF Times pt 1, 41:7 Nov 17 '80

That red carpet attitude. Interview. RADM Charles E. Gurney III. illus Def Mgt J 16:7-11 First Quarter '80

Army--U.S.

The first ten days. Capt Gardner M. Nason. illus Soldiers 35:28-31 Sep '80

In search of Army doctors. MSgt Matt Glasgow. illus Soldiers 35:16-19 Jan '80

Nunn's "save the Army" campaign: Battle over--or just begun? R. James Woolsey. Armed Forces J Intl 117:10 Aug '80

Toward cohesion, stability: A 'reciprocal commitment.' LtGen Robert G. Yerks. illus Army 30:98-101+ Oct '80

Marine Corps--U.S.

Incentives are added to recruiting duty. MarCor Gaz 64:10 May '80

National Guard--Air Force--U.S.

(MORT, Minority Officer Recruiting) Team action delivers new leadership. Pamela A. Kane. illus Natl Guard 34:12-13 Apr '80

Okie Flight Two. (A highly successful Oklahoma ANG recruiting program) SMSgt Dave Sheeder. illus Airman 24:40-43 Oct '80

National Guard--Army--U.S.

Recruiting update. 1stLt George Muser. illus Natl Guard 34:10-13 Oct '80

Reserve Forces--Armed Forces--U.S.

Reserve strength on the upswing. AF Times 41:8 Aug 11 '80

RECRUITING AND ENLISTMENT - ContinuedReserve Forces--Army--U.S.

Army Reserve strength aided by incentive enlistment programs, General Berkman says. Officer 56:13 Jun '80

The men of Company A. Thomas D. Slear. illus Army 30:40-44 Jan '80

New program (Army ROTC/Selected Reserve Simultaneous Membership Program, SMP) addresses officer recruitment. Maj Kenwood E. Giffhorn. illus Officer 56:11 Mar '80

RECYCLING

Domestic water reuse. John P. Collins and others. illus tab Mil Engr 72:104-106 Mar-Apr '80

Facts about waste paper recycling. illus Air Reservist 32:9 Mar '80

Fuel from trash: On the way? AF Times 40:14 Jun 23 '80

Management of Recoverable and Waste petroleum products (R&W). TIG Brief 32:6 Jul 25 '80

Recovering and recycling used synthetic oils. TIG Brief 32:13 Mar 21 '80

Recycling expendable supplies. TIG Brief 32:10 Feb 22 '80

Refuse-fired plant (Hampton, VA) will save 2 million gallons of oil a year. AF Times 41:46 Oct 27 '80

Trash to energy via RDF (Refuse-Derived Fuel). Leon Glaspell and Thomas E. Shoup. illus tab AF Engrg & Svcs Qtr 21:13-16+ Nov '80

RED CROSS

Providing medical social work services: A professional responsibility and requirement! TIG Brief 32:14 Mar 21 '80

RED TAPE

The hidden flaw in the statutory attempt to cut down government's red tape. Govt Exec 12:21-23 Sep '80

REDSTONE ARSENALSee also

Missile Command

REDUCTION IN FORCE

AFCC to eliminate 200 slots, save \$\$\$. AF Times 41:16 Dec 8 '80

DOPMA: Senate approach 'short-sighted.' AF Times 40:3+ May 26 '80

REED, Walter D.

Air Force Legal Services Center. por AF Mag 63: 113 May '80

JAG Reed: Too much scrutiny hurts. Interview. MajGen Walter D. Reed. AF Times 41:8 Sep 1 '80

The Judge Advocate General's Department. por AF Mag 63:133 May '80

REED, Walter D. - Continued

Minor offenses: 'Custody,' not fines, seen. Interview. MajGen Walter D. Reed. AF Times 40:1+ Feb 4 '80

Quality of legal services improves. Interview. MajGen Walter D. Reed. AF Times 40:8 Apr 14 '80

REENLISTMENTAir Force--U.S.

Air Force manpower overview. (Presentation, Subcommittee on Military Personnel, House Armed Services Committee, Washington, Feb 25, 1980) Joseph C. Zengerle. tabs AF Plcy Ltr for Comdrs: Sup, pp 11-22, May '80

Airlines' slump--pilots, navs returning. John Ginovsky. AF Times 41:1+ Nov 17 '80

89 skills, Zone C plan added to SRB program. Pat Dalton. AF Times 41:1+ Oct 13 '80

For FY '81, AF needs 83,000 officers, EM. AF Times 41:3 Nov 3 '80

Re-up bonus pushed for thousands more. Bruce Callander. AF Times 40:1+ Mar 10 '80

Re-up OK so far, outlook not bright. AF Times 40:4 Jun 9 '80

Service NCOs compared: AF's re-ups best, hikes slowest. Bruce Callander. tab AF Times 41:6 Sep 8 '80

33 skills will be added to re-up bonus Oct 1. Pat Dalton. AF Times 41:1+ Sep 15 '80

Three more AFSCs get re-up bonus. Pat Dalton. AF Times 41:3 Nov 10 '80

Armed Forces--U.S.

Bonus boost may spur many to re-up longer. Pat Dalton. AF Times 41:4 Sep 22 '80

DOD wants reenlistees to know SGLI policy. AF Times 41:11 Aug 25 '80

Pay them more, Rand study says. illus AF Times 41:14 Dec 15 '80

Service NCOs compared: AF's re-ups best, hikes slowest. Bruce Callander. tab AF Times 41:6 Sep 8 '80

Army--U.S.

Re-enlistment: To stay or not to stay ... SGM Bruce N. Bant. illus Soldiers 35:28-32 Apr '80

Reserve Forces--Army--U.S.

General Berkman describes bonus program results. illus Officer 56:18 Jan '80

REFUELING see In-Flight Refueling

REFUELING UNITS

931st (Air Refueling Group) receives highest marks in SAC evaluation. illus Officer 56:14 Mar '80

REFUELING UNITS - Continued

Tales of a Wing. (191st Air Refueling Wg) Lt Jolan F. Silver. illus Combat Crew 30:4-7+ Jul '80

REFUGEES

Coast Guard Reservists called-up to replace active personnel involved in Cuban exodus. illus Officer 56:18 Sep '80

The Cuban exodus of 1980. Robert L. Scheina. illus US Nav Inst Proc 106:44-51 Oct '80

Cubans aided at bases. AF Times 40:16 Jun 9 '80

First Army CA (Civil Affairs) Reservists find themselves 'doing real thing' at Fort Indiantown Gap (PA). illus Officer 56:12 Aug '80

Florida Army Guardsmen smooth the way for Haitian refugees. illus Natl Guard 34:23 Jun '80

Florida Guard eases influx of (Cuban) refugees. illus Natl Guard 34:20-22 Jun '80

"Florida Guard proved its ability." (Interview with Col Robert F. Ensslin) Christopher Wright Ramsey. illus Natl Guard 34:24-25 Jun '80

Helping the Cuban refugees at Eglin's Camp Liberty. illus AF Times 40:L12 Jun 30 '80

Inside the barricades. Col Raymond E. Bell, Jr. illus Natl Guard 34:14-16+ Oct '80

Kampuchean (Cambodian) relief: U.S. policy. (Reprinted from Gist, Nov 1979) AF Plcy Ltr for Comdrs: Sup No. 3:38-40 Mar '80

MTMC procures transportation for Cuban refugees. LtCol Donald G. Bisgrove. illus Translog 11:10-11 Jun '80

Puerto Rico Army Guard provides the (bilingual) link (for Cuban refugees). Pamela A. Kane. illus Natl Guard 34:20-23 Jul '80

Responding to crises: Army civic action. LtCol John Haberle. illus Soldiers 35:6-9 Sep '80

The wait wears thin. (National Guard and Cuban refugees at Fort Chaffee, AR) illus Natl Guard 34: 11-13 Aug '80

REFUSE AND REFUSE DISPOSALSee also

Recycling

'Cradle to grave' control of hazardous wastes pushed. John Ginovsky. AF Times 41:1+ Sep 8 '80

Management of Recoverable and Waste petroleum products (R&W). TIG Brief 32:6 Jul 25 '80

Those deadly hazardous wastes. Richard C. Kibler. illus AF Engrg & Svcs Qtr 21:30-32 Nov '80

Trash to energy via RDF (Refuse-Derived Fuel). Leon Glaspell and Thomas E. Shoup. illus tab AF Engrg & Svcs Qtr 21:13-16+ Nov '80

REGULATIONSAir Force

Reg (AFR 35-10) limits hair styles. Pat Dalton. illus AF Times 41:1+ Nov 17 '80

Reg (AFR 35-11) change trims weight standards. Len Famiglietti. tab AF Times 41:1+ Nov 10 '80

Army

Drill Regulations. Col V. Valiyev. illus Soviet Mil Rev No. 1:52-53 Jan '80

Navy

Naval Regulations. Capt V. Drozdov. illus Soviet Mil Rev No. 3:38-40 Mar '80

REHABILITATION

Commands can return ex-drinkers to flying. AF Times 40:46 Apr 21 '80

Return to duty. MSgt Matt Glasgow. illus Soldiers 35:22-26 Apr '80

The returning brigade. Mary C. Femmer. illus Army 30:24-26+ Sep '80

RELIABILITY

See also subdivision under specific subject, e.g.,
Communications Equipment--Reliability
Electronic Equipment--Reliability
Weapon Systems--Reliability

RELIABILITY, HUMAN see Human Reliability

RELIGION AND RELIGIONS

Afghanistan: Why? Editorial. Syed Hussain bin Syed Abdul Karim. illus Asian Def J No. 2:4-5 Mar-Apr '80

Holy war: Military power and religion. (Report of a seminar, May 9, 1979) RUSI J for Def Studies 125: 14-20 Mar '80

Islamic responses to Western contact. Col Jay C. Mumford. illus Nav War Col Rev 33:63-81 Nov-Dec '80

Opium of the people. (Religious life in Eastern Europe) Henry Harris. Army Qtr 109:48-56 Jan '79

The power of a servant leadership. Ch(MajGen) Richard Carr. TIG Brief 32:2 Nov 28 '80

RELIGION IN THE ARMED FORCES

The power of a servant leadership. Ch(MajGen) Richard Carr. TIG Brief 32:2 Nov 28 '80

REMEDIAL READING

Curing government illiteracy. M. Scott Downing. Govt Exec pt 1, Communicating to a nation of tenth graders: The comprehension drops as content gets complex. 12:28-29+ Jul '80; pt 2, An automatic comprehension check for government regulation originators. 12:28+ Aug '80

REMEDIAL READING - Continued

In step with BSEP (Basic Skills Education Program). SSgt Jim Boersema. illus Soldiers 35:46-48 Apr '80

REMOTE CONTROL

REMBASS (REmotely Monitored BATTLEfield Sensor System)--the U.S. Army's new battlefield sensor system. Gowri S. Sundaram. illus tabs Intl Def Rev 13, No. 4:531-535 '80

REMOTE-ISOLATED DUTY

Troops at remote stations getting new flight priority. Len Famiglietti. AF Times 40:3 Apr 28 '80

REMOTELY PILOTED VEHICLESSee also

Drones

REPAIR see Maintenance and Repair

REPORT WRITING

Effectiveness of USAF mishap reporting system. TIG Brief 32:19 Oct 31 '80

Findings, or 'what the board really meant to say.' TIG Brief 32:21-22 May 30 '80

Materiel deficiency reports (MDRs). TIG Brief 32:5 Oct 17 '80

Mishap reporting: Watch your power curve. TIG Brief 32:30 Aug 29 '80

REPORTERS AND REPORTING

"... and that's the way it is?" The military & the media. MajGen Jerry R. Curry. illus Defense/80, pp 19-24, Jun '80

Bill Mauldin (views the National Guard as a viable fighting force ... some 40 years later). Pamela A. Kane. illus Natl Guard 34:20-22 Nov '80

Journal testimony on Stealth leaks before the House Armed Services Investigating Subcommittee. illus Armed Forces J Intl 118:11+ Oct '80

The Railey report and Army morale, 1941: Anatomy of a crisis. Maj Stephen D. Westbrook. illus Mil Rev 60:11-24 Jun '80

TV on 'Nam: How big an impact? Bruce Callander. AF Times 40:20+ Jul 14 '80

What so proudly she hails. (Le Killgore uses her past experiences, including those as an AF wife, to help her as a newspaper reporter in San Angelo, TX) Sgt Craig Pugh. illus Airman 24:17-20 Nov '80

History

Ernie Pyle: America's most loved war correspondent. Maj John A. Reichley. illus Mil Rev 60:51-53 Apr '80

REPTILES

Snake-bit pilot's dilemma. Col Lester J. Johnson, Ret. illus AF Times 41:10 Dec 8 '80

REPUBLIC OF SOUTH AFRICA see South Africa (Republic)

RESCUE WORK

See also

Airplanes in Rescue Work
Helicopters in Rescue Work
MAST (Military Assistance to Safety and Traffic)
Search and Rescue
Vietnamese Conflict, 1957-1975--Search and Rescue Operations

Anatomy of two collisions. CAPT Ed Gilbert. illus map US Nav Inst Proc 106:132-136 Oct '80

The good Samaritans. illus Aerosp Safety 36:20-22 Apr '80

RESEARCH see specific kinds of research, e.g.,

Aeronautical Research
Aviation Medicine--Research
Chemical Research
Climatic Research
Electronic Research
Energy Research
Engineering Research
Environmental Protection Research
Medical Research
Nuclear Research
Operational Research
Physiological Research
Psychological Research
Research & Development
Scientific Research
Space Research
Underwater Research

RESEARCH AND DEVELOPMENT

Electronic environments. Regular feature in some issues of Defense & Foreign Affairs

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Research and technology. Regular feature in issues of International Defense Review

UK puts off Av-8B/Mk 5 Harrier choice. Intl Def Rev 13, No.7:983 '80

Commercial Applications

Spinoffs. Helen Kay Ellsworth. illus Soldiers 35:44-47 Mar '80

Air Force--U. S.

AFA policy paper: Force modernization and R&D. AF Mag 63:71-75 Nov '80

Air Force research and development programs. (Presentation, Subcommittee on Research and Development, House Armed Services Committee, Washington, March 4, 1980) Robert J. Hermann. AF Plcy Ltr for Comdrs: Sup, pp 28-33, Jun '80

"The difficulty arises when a particular technology matures two years after we need it." Interview. Gen Alton D. Slay. illus Armed Forces J Intl 117: 40-42+ Jan '80

RESEARCH AND DEVELOPMENT - Continued

Air Force--U. S. - Cont'd

Dr SAM (School of Aerospace Medicine)--from the laboratory to the aircraft. illus TAC Attack 20: 23-25 Nov '80

A guide to USAF's R&D facilities. AF Mag 63:178-179 May '80

How ASD is meeting the needs of the nineties. LtGen Lawrence A. Skantze. illus chart AF Mag 63:37-43 Oct '80

'Making valuable contributions.' Gen Alton D. Slay. illus Air Reservist 32:10-11 Dec '79-Jan '80

A more liberal, avant garde R&D program. Edgar Ulsamer. illus AF Mag 63:42-47 Jun '80

R&D risk management. TIG Brief 32:13 Jul 25 '80

Research and development mishap reports: Avoiding duplication of effort. TIG Brief 32:11 Sep 12 '80

Salute to space division. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Robert J. Hermann. AF Plcy Ltr for Comdrs: Sup, pp 13-15, Nov '80

USAF millimetre-wave seeker developments. Albert N. DiSalvio. illus Intl Def Rev 13, No.1:42-46 '80

Armed Forces--Great Britain

The Royal Signals & Radar Establishment. illus maps Asian Def J No.2:78-79+ Mar-Apr '80

Armed Forces--NATO

NATO armaments co-operation: The official U.S. DOD view. Intl Def Rev 13, No.6:803-806 '80

Armed Forces--U. S.

C³ R&D: A House view. Rep Richard Ichord. illus Signal 35:11-12 Sep '80

C³ R&D: A Senate view. Sen John C. Culver. illus Signal 35:10-11 Sep '80

Defense electronics R&D roundup. Regular feature in issues of Defense Electronics

R&D in new communications systems. (Interview with William O. Baker) illus Signal 35:15-17 Sep '80

Army--U. S.

Army outlook--smart weapons and digital secure communications. Percy A. Pierre. illus Def Elect 12:65-66+ Nov '80

ERADCOM provides the Army's electronic thrust. MajGen A.N. Stubblebine III. illus Def Elect 12: 76-78+ Nov '80

(Mission of DARCOM) Interview. Gen John R. Guthrie. illus Mil Elect/Countermeasures 6:19-20+ Oct '80

New developments. Regular feature in issues of National Defense

RESEARCH AND DEVELOPMENT - ContinuedArmy--U.S. - Cont'd

On-line editing improves Army RDT&E management. F. Clifton Berry, Jr. illus Def Mgt J 16:13-17 Third Quarter '80

Spinoffs. Helen Kay Ellsworth. illus Soldiers 35:44-47 Mar '80

Defense Dept--Japan

Japanese 1980 defense budget and future R&D programs. Edward C. Ezell. illus tabs Intl Def Rev 13, No.3:340-344 '80

Defense Dept--U.S.

Alternatives for shortening the acquisition process. Maj David T. Spencer. Def Sys Mgt Rev 2:36-59 Autumn '79

Concurrency. Robert G. Gibson. illus tabs Def Sys Mgt Rev 2:67-77 Autumn '79

DARPA leads U.S. forces into the future. illus Def & For Aff 8, No.3:19-20 '80

Independent R&D: Key to technological growth. David D. Acker. Def Sys Mgt Rev 3:43-57 Winter '80

A look at the independence of Federal contract research centers. LtCol Timothy J. McGrath. illus Def Sys Mgt Rev 3:77-83 Spring '80

Low energy lasers. George Gamota. illus tabs Natl Def 64:44-48+ Jun '80

MX energy design to cost \$202M. Len Famiglietti. AF Times 41:19 Nov 17 '80

Military R&D: The worst shortage is of trained, skilled people. illus tabs Govt Exec 12:31+ May '80

OMB Circular A-109 impact on new development. Dean E. Roberts. illus Def Sys Mgt Rev 2:27-35 Autumn '79

R&D project marketing in the defense laboratories. Robert Munk. tabs Def Sys Mgt Rev 3:84-96 Spring '80

Shortening the acquisition cycle. Augie G. Martinez. Def Sys Mgt Rev 2:60-66 Autumn '79

Training and personnel systems technology: A boost to readiness. CDR Paul R. Chatelier. illus Def Mgt J 16:2-5 Second Quarter '80

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No.6:887-890 '80

National Aeronautics and Space Administration--U.S.

Plastic airplanes are coming your way. Maj Roger L. Jacks. illus Aerosp Safety 36:6-7 Dec '80

Navy--U.S.

See also
Underwater Research

Confronting the Navy's manpower dilemma. Bernard Rimland and Gerald E. Larson. illus tabs Def Mgt J 16:30-34 First Quarter '80

RESEARCH AND DEVELOPMENT - ContinuedNavy--U.S. - Cont'd

(Major Naval Electronic Systems Command R&D programs) RADM Henry Duff Arnold. illus tabs Mil Elect/Countermeasures 6:14+ Nov '80

The Navy's RDT&E program. Norman Friedman. illus Sea Power 23:48-50+ Apr '80

Why SIRCS (Shipboard Intermediate Range Combat System) failed: The public record. Frank H. Featherston. Def Sys Mgt Rev 3:58-73 Winter '80

China (People's Republic)History

The Chinese ballistic missile program. Mark Wade. illus tabs Intl Def Rev 13, No.8:1190-1192 '80

NATO

Collaborative weapons acquisition: A closer look. Robert W. Dean. illus NATO's Fifteen Nations 25:33-34+ Apr-May '80

SACLANT Antisubmarine Warfare Research Centre. Basil W. Lythall. illus NATO's Fifteen Nations 25:60-62 Apr-May '80

Russia

Soviet basic research for communications applications. Orville R. Harris. illus Signal 34:47-51 Jan '80

Soviet lead in carcinotrons: "At least 5 years." illus tab Mil Elect/Countermeasures 6:48+ Jun '80

Soviet scientific/technical manpower: Much more than a simple numbers game. Jill E. Heuer. illus tab Govt Exec 12:34+ Apr '80

United States

The death of venture capital. D.G. Soergel. Govt Exec 12:23-24 Aug '80

Independent R&D: Key to technological growth. David D. Acker. Def Sys Mgt Rev 3:43-57 Winter '80

Synfuels: Energy sources whose time has come. Milton Meckler. illus Mil Engr 72:87-90 Mar-Apr '80

RESEARCH CENTERS

Guide to NASA's research centers. map AF Mag 63:180 May '80

The Royal Signals & Radar Establishment. illus maps Asian Def J No.2:78-79+ Mar-Apr '80

RESERVATIONS, AIRPLANE see Airlines--Passenger ServiceRESERVE FORCESAir Force--U.S.

AFRes receives Foulis Award (for having the most effective aircraft accident prevention program). Officer 56:12 May '80

RESERVE FORCES - ContinuedAir Force--U.S.-- Cont'd

AFRes study: Navs have best shot at Reserve slots.
AF Times 40:11 Jun 2 '80

AWADS + SKE = on target. illus Air Reservist 32:11 Jun '80

Air Force Reserve. illus tab AF Mag 63:126-127 May '80

(Air Force Reserve) associate unit to fly KC-10s. illus Officer 56:16 Jun '80

Air Force Reserve medical units: Self inspection program. TIG Brief 32:6 Jun 27 '80

Air Force Reserve programs. (Presentation, House Appropriations Committee, Washington, June 18, 1980) MajGen Richard Bodycombe. tabs AF Plcy Ltr for Comdrs: Sup, pp 17-25, Aug '80

Air National Guard and Air Force Reserve medical mission capability. TIG Brief 32:12 Feb 22 '80

Air Reserve forces' most valuable resources: Personnel and time. TIG Brief 32:22 Apr 18 '80

(Air) Reserve forces prepare 'flying fire trucks' for duty out west. illus Officer 56:15 Nov '80

All making Reserve O-4 eligible for Regular. AF Times 40:6 Apr 21 '80

Bold Eagle '80. SMSgt Gerald H. Smith. illus tab Air Reservist 32:16-17 Dec '79-Jan '80

Cargo cowboys. (National aerial port championship) Maj Kim McDonald. illus Air Reservist 32:10-11 Jul '80

Color them blue! (Air Guard and Reserves at AFA 34th National Convention, Washington, Sep 14-18, 1980) illus Air Reservist 33:16 Nov '80

Combat survival: Key to rescue. SMSgt Gerald H. Smith. illus Air Reservist 32:13+ Apr '80

The day the mountain blew. (Air Force Reservists from Portland, OR, help rescue people trapped by Mount St Helen's eruption) TSgt Alan Prochoroff. illus Airman 24:2-8 Oct '80

Empire Glacier '80. illus Air Reservist 32:6-7 Apr '80

F-4 Air Reserve forces conversion program. TIG Brief 32:11 Dec 12 '80

The first episode: "Connies to Phantoms" (in the AF Reserve). illus Air Reservist 32:9 Jun '80

The Fulbeck connection. Capt Dave Sheets. illus Air Reservist 32:6-7 Mar '80

Gallant Eagle '80. illus Air Reservist 32:16-17 May '80

Giant Voice. illus Air Reservist 32:6-7 Feb '80

The Gibraltar of America. (USAF Reservists help restore historic Fort Jefferson) Maj Donald E. Jefferson and Col S. Bruce Beattie. illus Airman 24:45-48 Apr '80

High Court agrees to rule on job-Reserve duty conflict. Tom Philpott. AF Times 41:40 Nov 24 '80

RESERVE FORCES - ContinuedAir Force--U.S. - Cont'd

High rolling in Vegas (in Exercise Red Flag). Gerald H. Smith. illus Air Reservist 32:8-9 Dec '79-Jan '80

Improved readiness--more for the Reserves. AF Times 40:10 Feb 11 '80

In the 'Bear's' shadow. (Air Reservists in Norway) SrAmn Charles B. Morley. illus Air Reservist 33:14-15 Nov '80

... JAGDR (Judge Advocate General's Department Reserve) to the rescue. Maj Robert R. Gales. illus Air Reservist 32:11 Mar '80

KC-10 rollout. Mike Singer. illus Air Reservist 32:12-14 Jun '80

'Making valuable contributions.' Gen Alton D. Slay. illus Air Reservist 32:10-11 Dec '79-Jan '80

Medical Red Flag. TSgt Steve Stibbens. illus Air Reservist 33:8-9 Nov '80

Mobilization Augmentee ... what it's all about. LtCol Robert Henrickson. illus Air Reservist 32:16 Mar '80

Movin' in the model 'A.' TSgt Ed Martins. illus Air Reservist 32:6-8 Sep-Oct '80

Navajo SOS. SMSgt Gus Vinas. illus Air Reservist 32:19+ May '80

Off line ... on line ... first for Reserve. Mike Singer. Air Reservist 32:23-24 Aug '80

Operation Science Fair. SSgt Don McSherry. illus Air Reservist 33:12-13 Nov '80

Outstanding MAs. illus Air Reservist 32:6-8 Jun '80

Outstanding MAs of 80s. illus Officer 56:16-17 Jun '80

Paid Ice Storm ... a personal briefing. BrigGen Billy M. Knowles. illus Air Reservist 32:16-17 Feb '80

Paid Redoubt '80 ... no doubt about it! TSgt Ed Martins. illus Air Reservist 32:12-14+ Aug '80

Paid Redoubt showed AFRES ready. Interview. MajGen Richard Bodycombe. illus AF Times 41:10 Sep 1 '80

Patient care anywhere. SMSgt Gerald H. Smith. illus Air Reservist 32:12-13 Feb '80

Pay and 'erosion of benefits' main concern of top Reserve EM advisor (CMSgt Jack E. Roberts). Pat Dalton. AF Times 40:7 Jul 21 '80

People of the total force. (Presentation, Salute Night to Reserves and Retired Force, Las Vegas, NV, June 6, 1980) MajGen Jerome F. O'Malley. AF Plcy Ltr for Comdrs: Sup, pp 20-24, Jul '80

Pilots who stick get preferences (for new weapon system assignments). AF Times 41:6 Dec 15 '80

Policy Committee role in changes. Officer 56:13-14 Jul '80

Probing today's mysteries ... to ensure tomorrow. (Mobilization augmentee/Reserve supplement officers) Capt Myrna-Lynne Whitney. illus Air Reservist 32:14-16 Jul '80

RESERVE FORCES - ContinuedAir Force--U.S. - Cont'd

Redoubt ... a western view. Maj Ernie Stepp and T.J. Coats. illus Air Reservist 32:15 Aug '80

Reserve Chief (MajGen Richard Bodycombe) calls tech (Air Reserve Technician) program effective. AF Times 40:2 Jun 30 '80

Reserve lieutenant colonels considered for retention in 20 years. AF Times 40:4 May 19 '80

Reserve medics keep Offutt (AFB, NE) hospital ticking. AF Times 40:10 Feb 4 '80

Reserve operation (Paid Redoubt) checks readiness planning. AF Times 41:14 Jul 28 '80

Reserves training crews for SAC KC-10s. AF Times 41:15 Nov 24 '80

Return to America (for released hostage Richard Queen). TSgt Ed Martins. illus Air Reservist 32:4 Aug '80

SAC KC-10s will draw on AFRes. AF Times 40:4 Apr 28 '80

Sandstone Samaritans. (Reservists administer a battery of medical tests and physical examinations to native Americans in Utah) Capt Calvin N. Andrus. illus Air Reservist 32:8-9 Apr '80

Tax breaks (for Reserve and National Guard). illus Air Reservist 32:18-19 Feb '80

'That others may live.' Jeryl L. Mariatt. illus Air Reservist 32:9 Jul '80

A touch of CL(a)SS (Combat Logistics Support Squadron). illus Air Reservist 32:6-7 May '80

Twice in three years. (AFR wins Foulois Award for aircraft accident prevention) illus Air Reservist 32:14 Apr '80

236 picked for Reserve O-6. AF Times 41:15+ Dec 15 '80

Volant Rodeo '80 (MAC's tactical airlift competition). illus Air Reservist 32:10-11 Sep-Oct '80

Voluntary officer recall draws 662 to Reserves. John Ginovsky. AF Times 40:12 Apr 21 '80

'We need each other ...' (Air Reservists operate MAC's busiest air terminal at Dover AFB, DE for two weeks) SMSgt Gerald H. Smith. illus Air Reservist 32:8-9 Aug '80

'Weekend warriors' aid TAC in Panama. SSgt Glenn S. Willerforde. AF Times 40:31 Apr 28 '80

Armed Forces--Great Britain

On the rock (of Gibraltar)! illus Natl Guard 34:12-14 Nov '80

Armed Forces--U.S.

Bill could cost Reservists \$\$. AF Times 41:37 Oct 6 '80

Boost to AFRes capability. AF Times 40:3 Jul 7 '80

RESERVE FORCES - ContinuedArmed Forces--U.S. - Cont'd

Court (of Claims) ruling: Pay claim limits vary for retirees. AF Times 40:14 Apr 28 '80

DLA needs help. Col William Rapp. illus Air Reservist 32:10 Mar '80

DOD orders Services to trim Standby Reserve. AF Times 40:12 May 19 '80

DOD wants 100,000 Reserve call-up option. AF Times 40:4 Jun 30 '80

GAO spots flaw in Reserve SGLI program. Karen McKay. AF Times 40:9 Jun 9 '80

Guard & Reserve: Better ... but not good enough. Harold W. Chase. illus Defense/80, pp 12-17, Nov '80

(Harold W.) Chase says draft won't help Reserve. AF Times 41:8 Sep 8 '80

'Military leave' pay still is unresolved. AF Times 41:14 Oct 27 '80

National Militia (Act) advocated by MajGen Kendall. Officer 56:15 Sep '80

1978 operations uncovered some readiness shortfalls. Tom Philpott. AF Times 41:25 Aug 11 '80

Part-time pilot ... full-time professional. Aerosp Safety 36:4 Jul '80

Reserve strength on the upswing. AF Times 41:8 Aug 11 '80

Rex Amethyst. Maj Robert D. Dubiel. illus Air Reservist 32:15 May '80

'Since we've accepted the limited size of our regular forces, we're going to have to put heavier reliance on our Reserve capability.' Interview. Sen John Tower. illus Officer 56:20-22 Dec '80

Tax guide for Reservists. Capt R. Michael Lantz, Jr. illus Officer 56:23-24 Feb '80

'We're really on the threshold of a whole new era of strength in the Reserves.' Interview. Sen John Warner. illus Officer 56:20-21 Jul '80

'When we discuss our manpower options, one of the primary considerations would be to strengthen the Reserve forces.' Interview. Sen Sam Nunn. illus Officer 56:24-26 Nov '80

Army--Canada

Militia north of the border: A candid view of Canada's land reserve force. Hawley L. Black. illus Natl Guard 34:8-11 Nov '80

Army--Great Britain

'Swinging the lamp.' (British and American troops in exercises between USAF Security Police and the Territorial Army) Capt Katie Cutler. illus Airman 24:2-6 Sep '80

Army--U.S.

Army Reserve strength aided by incentive enlistment programs, General Berkman says. Officer 56:13 Jun '80

RESERVE FORCES - ContinuedArmy--U.S. - Cont'd

Boston Reserve unit scores success (in Emergency Deployment Readiness Exercise (EDRE)). Frank K. Costa. illus Translog 11:10-13 Jul '80

Clearing the path for advancement in the Reserve Components. Capt David T. Zabecki. illus Army 30:33-35 Sep '80

First Army CA (Civil Affairs) Reservists find themselves 'doing real thing' at Fort Indiantown Gap (PA). illus Officer 56:12 Aug '80

For logistics officers--the MOBDES (MOBilization DESignation) option. tab Army Log 12:17-19 Sep-Oct '80

Horizon bright for Army Reserve aviation program. Maj Dick Crossland. illus Officer 56:18-19 Nov '80

How ready can the Reserves be? LtCol Arthur T. Carey. illus Armor 89:24-26 Jan-Feb '80

Inside the barricades. Col Raymond E. Bell, Jr. illus Natl Guard 34:14-16+ Oct '80

MOBDES (MOBilization DESignation): Talent in Reserve. SSgt Jim Boersema. illus Soldiers 35:42-45 Jan '80

The men of Company A. Thomas D. Slear. illus Army 30:40-44 Jan '80

RCCC (Reserve Component Coordination Council): Readiness is its business. Capt Art House. illus Soldiers 35:37-39 Jan '80

Railroads are our specialty. (Army Reserve rail units) Capt J. Michael Sulzbach. illus Translog 11:12-14 Nov '80

Realistic (transportation) training for (Army and Navy) Reservists (COLTT (Combined Operations Logistic Transportation Training) Exercise). Clyde Hall and others. illus Officer 56:17 Nov '80

Reserve readiness training. LtCol Herbert B. Quinn, Jr. illus Army Log 12:28-31 Mar-Apr '80

Reserves: Expanded missions, limited resources. MajGen William R. Berkman. illus tab Army 30:166-169 Oct '80

Serving two masters: Frustrating dilemma for citizen-soldiers. LtCol Claiborne W. Cowgill, Sr. illus Army 30:51-55 May '80

Tac-tooth-cal drills. Mary Storms. illus Soldiers 35:50-51 Apr '80

12 ways to hang on to Army Reservists. Col James R. Compton. illus Army 30:53-56 Apr '80

Where to in the eighties? Col James H. Kuhn. illus Officer 56:10 Mar '80

Directories

Major Army Reserve commands. Army 30:219-220 Oct '80

History

Historical continuity in the U.S. military Reserve system. Robert L. Goldich. Armed Forces & Soc 7:88-112 Fall '80

RESERVE FORCES - ContinuedCoast Guard--U.S.

Coast Guard Reservists called-up to replace active personnel involved in Cuban exodus. illus Officer 56:18 Sep '80

ROA favors bill on Coast Guard. RADM John B. Johnson. illus Officer 56:14 Jun '80

ROA goes before Military Personnel Committee with strong statement. RADM John B. Johnson. illus Officer 56:12-13 Mar '80

Marine Corps--U.S.

Combat power at a bargain. Maj H.K. Barnes. MarCor Gaz 64:14-15 Jan '80

MajGen Crist steps up to top Reserve post (Deputy Chief of Staff, Reserve Affairs, Headquarters, Marine Corps). illus Officer 56:19 Sep '80

ROA goes before Military Personnel Committee with strong statement. RADM John B. Johnson. illus Officer 56:12-13 Mar '80

Navy--U.S.

Budget plan promises new USNR ships, personnel stabilization. L. Edgar Prina. illus Sea Power 23:34-36 Feb '80

CNO objectives enhance Reserve. ADM Thomas B. Hayward. illus Officer 56:17 Feb '80

Mobile mine unit (Naval Reserve Mobile Mine Assembly Group Detachment 1006) demonstrates strong sense of camaraderie during evaluation. illus Officer 56:10 Jul '80

Naval Reserve Chief (RADM Frederick F. Palmer) stresses perspective. Officer 56:14 Aug '80

The Naval Reserve should work. CAPT James G. Abert. illus US Nav Inst Proc 106:49-53 Feb '80

ROA goes before Military Personnel Committee with strong statement. RADM John B. Johnson. illus Officer 56:12-13 Mar '80

Readying the "Ready" Reserves. LCDR Roger D. Watkins and LT Lawrence H. Kubo. illus US Nav Inst Proc 106:95-97 Dec '80

Realistic (transportation) training for (Army and Navy) Reservists (COLTT (Combined Operations Logistic Transportation Training) Exercise). Clyde Hall and others. illus Officer 56:17 Nov '80

RADM Palmer outlines rationale behind cancelled pay drills. Officer 56:11 Jul '80

Reserve Chief Palmer speaks out (about the Naval Reserve at ROA's recent Mid-Winter Conference). RADM Fred Palmer. illus Officer 56:10 Apr '80

Weekends are work. CDR Thomas M. Daly. illus US Nav Inst Proc 106:61-66 Aug '80

RESERVE FORCES POLICY BOARD

(MajGen Bruce) Davidson heads (Reserve Forces Policy) Board. AF Times 41:6 Sep 22 '80

RESERVE OFFICER PERSONNEL ACT

- 579 selected for ROPA lieutenant colonel. tab AF Times 41:18+ Sep 1 '80
- 982 selected for permanent ROPA O-3. AF Times 41:11+ Nov 3 '80
- 2000 earn hike to ROPA major. AF Times 40:13+ May 19 '80

RESERVE OFFICERS ASSOCIATION OF THE U.S.

National (ROA) Council, Washington, DC (Feb 20-22, 1980). illus Officer 56:23-27 Apr '80

No time for recrimination. (Address, ROA Mid-Winter Banquet, accepting Minute Man of the Year Award) Rep Samuel S. Stratton. illus Officer 56: 20-22 Apr '80

'Not many oldtimers around anymore': A nostalgic story of Tom King and some almost-forgotten leaders from ROA's productive past. Col John T. Carlton, Ret. illus Officer 56:18-19 Feb '80

ROA backs president on draft registration. AF Times 40:7 Mar 24 '80

ROA favors bill on Coast Guard. RADM John B. Johnson. Officer 56:14 Jun '80

ROA goes before Military Personnel Committee with strong statement. RADM John B. Johnson. illus Officer 56:12-13 Mar '80

(ROA National Convention, Pittsburgh, June 19-21, 1980) illus Officer 56: entire issue Aug '80

What you need to know about 46 ROA presidents. Col John T. Carlton, Ret. illus Officer 56:28-33 Aug '80

Where to in the eighties? Col James H. Kuhn. illus Officer 56:10 Mar '80

Directories

ROA directory, 1980-1981. illus Officer 56:17-24 Oct '80

RESERVE OFFICERS TRAINING CORPSAir Force

AFROTC Health Awareness Program (HAP). Maj Harry P. Wetzler. tab Educ J 22:43-45 AY '79/'80

Arnold Air Society: More than an extracurricular activity. Capt Randall S. Mason. illus tab Educ J 22:46-49 AY '79/'80

Credit where credit is due. Educ J 22:14-18 AY '79/'80

Drill and training--an unfortunate alliance. Maj Francis D. Rabata. Educ J 22:39-42 AY '79/'80

Modern-day mustangs. (Former NCOs work for degrees and commissions through AFROTC at Baptist College, Charleston, SC) Capt Dick Sheffield. illus Airman 24:32-36 Oct '80

Proficiency Aviators Limited case study--a comprehensive business management problem. Maj Harold E. Rafuse. tabs Educ J 22:68-80 AY '79/'80

RESERVE OFFICERS TRAINING CORPS - ContinuedAir Force - Cont'd

Stating the case for drill in the AFROTC curriculum. Capt Stan Jaworski. Educ J 22:37-38 AY '79/'80

12 AFROTC units wanted for science. AF Times 40:23 May 12 '80

The weighted POC Selection System: A measure of potential? Capt Joseph L. Parker. illus Educ J 22:50-52 AY '79/'80

Armed Forces

ROTC summer camps--a challenge to the student engineer. J. Glenn Sartori. illus Mil Engr 72:30-33 Jan-Feb '80

Army

New program (Army ROTC/Selected Reserve Simultaneous Membership Program, SMP) addresses officer recruitment. Maj Kenwood E. Giffhorn. illus Officer 56:11 Mar '80

ROTC: The quest for quality. SSgt Jim Boersema. illus Soldiers 35:28-33 Jan '80

SMP--Simultaneous Membership Program: Developing the Army National Guard leadership potential. SP4 Virginia Garzilli. illus tab Natl Guard 34:8-11 Mar '80

NavyHistory

A gentlemen's agreement. ADM James L. Holloway, Jr, Ret and Jack Sweetman. illus US Nav Inst Proc 106:71-77 Sep '80

RESERVES see Reserve Forces

RESOURCE MANAGEMENT

Base silver recovery program. TIG Brief 32:13 Nov 14 '80

Goal programming as an aid to resource management. Daniel A. Nussbaum. tabs Def Sys Mgt Rev 3:28-33 Spring '80

Library (at McConnell AFB, KS) raises status (as active member of a local and state resource sharing program). AF Times 41:38 Nov 3 '80

McClellan (AFB, CA) energy showcase base. Maj George Kastanos. illus AF Engrg & Svcs Qtr 21: 24-27 May '80

New accounting system aims to trim fuel needs. AF Times 41:17 Aug 11 '80

Perspectives on the issues of productivity. Maj Michael E. Thorn. illus tab Armed Forces Compt 25: 30-34 Nov '80

Putting the clamps on government waste. David D. Acker. illus Def Mgt J 16:38-43 First Quarter '80

Reshaping DARCOM's future. Col Joseph A. Donnan. illus Army Log 12:2-5 Sep-Oct '80

Resource management: A commander's perspective. LtCol Joel E. L. Roberts. illus tabs Mil Rev 60: 2-10 May '80

RESOURCE MANAGEMENT - Continued

Resources plans management indicators. TIG Brief 32:9-10 Nov 14 '80

Tables of Allowance: Essential to a sound squadron equipment management program. TIG Brief 32: 11-12 Dec 12 '80

RESPIRATION

See also
Artificial Respiration

A comparison between freon and acetylene rebreathing for measuring cardiac output. Flemming Bonde-Petersen and others. illus tabs Aviation, Space & Envmt Med 51:1214-1221 Nov '80

Hemodynamic effects of extreme positive pressure breathing using a two-pressure flying suit. U.I. Balldin and B.Wranne. illus tabs Aviation, Space & Envmt Med 51:851-855 Sep '80

Physiological effects of cold air inhalation during exercise. G.Harley Hartung and others. illus tabs Aviation, Space & Envmt Med 51:591-594 Jun '80

Pulmonary and symptom threshold effects of ozone in airline passenger and cockpit crew surrogates. Michael T.Lategola and others. tabs Aviation, Space & Envmt Med 51:878-884 Sep '80

Relation of breathing oxygen-argon gas mixtures to altitude decompression sickness. Julian P.Cooke and others. illus tabs Aviation, Space & Envmt Med 51:537-541 Jun '80

Respiratory gas exchange during positive pressure breathing and rapid decompression to simulated altitudes of 18.3 and 24.4 km. D.E.Holness and others. tabs Aviation, Space & Envmt Med 51: 454-458 May '80

The respiratory response to microwaves. C.O.Cri-born and C.-J.Clemedson. illus tabs Aviation, Space & Envmt Med 51:1139-1143 Oct '80

RESPIRATORY ORGANS

Coping with asbestos successfully. Maj Joseph R. Calek. illus Mil Engr 72:176-177 May-Jun '80

Effects of ozone on symptoms and cardiopulmonary function in a flight attendant surrogate population. Michael T.Lategola and others. illus tabs Aviation, Space & Envmt Med 51:237-246 Mar '80

RETENTION OF MILITARY PERSONNEL

AF chiefs make strong pay plea. Bruce Callander. AF Times 40:1+ Apr 7 '80

Administration cools efforts to increase pay. Richard C.Barnard and Andy Plattner. AF Times 40:1+ Mar 24 '80

Advertisements for civilian employment. TIG Brief 32:16 Apr 18 '80

Air Force manpower overview. (Presentation, Subcommittee on Military Personnel, House Armed Services Committee, Washington, Feb 25, 1980) Joseph C.Zengerle. tabs AF Plcy Ltr for Comdrs: Sup, pp 11-22, May '80

RETENTION OF MILITARY PERSONNEL - Continued

(American Enterprise) Institute recommends raises above inflation. AF Times 41:3 Dec 22 '80

Another E-9 group (chief master sergeants) to stay on up to 33 years. Bruce Callander. AF Times 41:7 Sep 1 '80

Attrition among Navy enlisted women. Patricia J. Thomas. tabs Def Mgt J 16:43-49 Second Quarter '80

Benefits package called 1st stop. (Joseph C.Zengerle before House Armed Services Subcommittee on Military Personnel) AF Times 40:4 Mar 10 '80

Boost pay, benefits to end midlevel exodus. Gen David C.Jones. tabs AF Times 40:3-4 Feb 11 '80

'Buck stop' program should aid retention. Interview. Gen Lew Allen, Jr. illus AF Times 40:3 Jan 14 '80

Career incentives for JOs lacking. John Ginovsky. AF Times 40:2 Jun 2 '80

The continuing military manpower crunch. Robert B. Pirie. tab Defense/80, pp 4-5, Jan '80

The controlled maneuver (TOPCAP). Editorial. AF Times 40:19 Jul 21 '80

Converting NFOs to NAs. Capt Kenneth E.Starr. MarCor Gaz 64:19-20 Oct '80

DOD, (Sen William) Armstrong oppose 'high 3' retirement pay. AF Times 40:3 Jul 14 '80

DOS withdrawals on the rise. AF Times 40:2 Jun 23 '80

Engineering a response to the S&T (Scientific and Technical officers) shortfall. Ed Gates. tab AF Mag 63:69 Oct '80

Extra raise, new GI Bill hinted by Reagan forces. Tom Philpott. AF Times 41:1+ Dec 8 '80

Fine-tuning enlisted incentives. Ed Gates. illus AF Mag 63:56-59 Apr '80

Flight pay: \$15,000 more for career. Bruce Callander. AF Times 41:4+ Sep 22 '80

Flight pay: What might have been. Bruce Callander. AF Times 40:20 Apr 28 '80

From pilot to pilot. (AF Reserve MajGen David L. Stanford talks to AF pilots about military and civilian careers) Robert K.Ruhl. illus Airman 24:9-14 Jun '80

Hill (Congressional Budget Office) study--bigger pay raise is needed. Martha Lynn Craver. AF Times 40:1+ Jun 9 '80

Hundreds of NCOs being asked to stay. Bruce Callander. AF Times 40:1+ Mar 17 '80

Hundreds of NCOs get to stay on. Bruce Callander. AF Times 40:1+ Jul 14 '80

Improving the retention rate. CMSAF James M. McCoy. TIG Brief 32:2 Jun 27 '80

Inflation called threat to U.S. security. Richard C. Barnard. AF Times 40:3-4 Feb 18 '80

JCS: Don't reallocate. Tom Philpott. AF Times 41:1+ Sep 1 '80

RETENTION OF MILITARY PERSONNEL - Continued

Keeping our quality people. (Presentation, Daedalians Longhorn Flight Banquet, Bergstrom AFB, TX, Oct 16, 1979) Gen B. L. Davis. AF Plcy Ltr for Comdrs: Sup No. 1:35-40 Jan '80

Laird policy paper: Pay held responsible for retention problem. AF Times 40:4 Feb 4 '80

Line officers retention trends same for sexes. tab AF Times 40:35 Jun 9 '80

Manning: Can inflation help? Bruce Callander. AF Times 40:4 Apr 14 '80

The manpower deficit worsens. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 25 '80; Natl Def 65:28 Dec '80

Military manpower in the 1980's: Issues and choices. Martin Binkin. Intl Sec Rev 5:347-374 Fall '80

Military personnel problems reach crisis stage-- Laird proposes sweeping compensation reforms as 'partial solution.' Melvin R. Laird. illus Sea Power 23:23-28 Mar '80

Nav shortage severe, situation complex. John Ginovsky. AF Times 41:15 Sep 1 '80

Navigator retention. Capt James R. Moat. illus tabs Navigator 27:5-8 Summer '80

Navy's chief (ADM Thomas B. Hayward) asks more people \$\$. Paul Smith. AF Times 40:3 Jan 7 '80

Next: Shortage of engineers. John Ginovsky. AF Times 41:19 Dec 29 '80

O-3s, 4s fault Senate DOPMA. AF Times 40:3 Jul 7 '80

Officers are to blame for the all-vol crisis. Robert H. Kimball. illus AF Times, Times Magazine sup:14+ Jul 7 '80

The other side of retention: Those who return. Ed Gates. tabs AF Mag 63:62-65 Jan '80

Pay and retention. Karen E. Thuermer. illus tab Sergeants 18:22-25 Sep '80

Pay drove out pilots in 1979. Martha Lynn Craver. AF Times 40:3 Mar 24 '80

Pay them more, Rand study says. illus AF Times 41:14 Dec 15 '80

People, not hardware--the highest defense budget priority. Melvin R. Laird. illus Armed Forces J Intl 117:60-66 Mar '80

The "people" side of strategic deterrence: Why the draft won't solve the problem either. Govt Exec 12:22-24 Mar '80

Pilot retention: Half of what is needed. Don Mace. AF Times 40:4 Jun 9 '80

Pirie assesses benefits impact. Interview. Robert B. Pirie. illus AF Times 41:4 Sep 29 '80

Pre-enlistment expectations/perceptions of Army life, satisfaction, and re-enlistment of volunteers. Col Donald E. Gauntner and others. tabs J Pol & Mil Sociol 8:31-42 Spring '80

RETENTION OF MILITARY PERSONNEL - Continued

Price gives views on benefits. Interview. Rep Melvin Price. illus AF Times 41:8 Aug 25 '80

Progress in training, readiness, manning. MajGen Emmett H. Walker, Jr. illus Army 30:150-155 Oct '80

Project KEEP (Keep Each Eligible Person). TIG Brief 32:8 Aug 8 '80

Rated levels may get worse. Interview. BrigGen John T. Chain, Jr. AF Times 40:10 Jan 28 '80

Readiness report--problems linked to pay, benefits. AF Times 41:7 Oct 6 '80

Reality-ritual=retention: The enlisted equation. Maj Thomas J. Pickering. illus Mil Rev 60:2-9 Dec '80

Re-enlistment: To stay or not to stay ... SGM Bruce N. Bant. illus Soldiers 35:28-32 Apr '80

Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 3:2-35 Mar '80

(Rep Patricia) Schroeder calls for 'skills audit.' AF Times 41:1+ Sep 8 '80

Reserve lieutenant colonels considered for retention in 20 years. AF Times 40:4 May 19 '80

Retention and you. TIG Brief 32:9 Jul 11 '80

Retention is everybody's business. TIG Brief 32:12 May 2 '80

Retention: Is pay the #1 issue? LT Dan N. Edelstein. tabs US Nav Inst Proc 106:74-78 Jun '80

Retention main problem. Gen Lew Allen, Jr. AF Times 40:3 Feb 18 '80

Retention may be leveling off. Interview. LtGen Andrew Iosue. AF Times 41:2 Aug 18 '80

Retention: The pressure is on. CAPT James F. Kelly, Jr. illus US Nav Inst Proc 106:40-45 Apr '80

Re-up bonus pushed for thousands more. Bruce Callander. AF Times 40:1+ Mar 10 '80

Senate panel (Budget Committee) told big pay hike needed. AF Times 40:10 Mar 17 '80

Sen Tower: Bar 'cap,' shift \$\$ to key grades. AF Times 40:1+ Jun 16 '80

(Sen William) Armstrong sees hope for raise. Martha Lynn Craver. illus AF Times 41:1+ Dec 29 '80

Senator (William) Armstrong: 'We have failed all-vol.' AF Times 41:8 Aug 11 '80

Service NCOs compared: AF's re-ups best, hikes slowest. Bruce Callander. tab AF Times 41:6 Sep 8 '80

Services urge Reagan to boost pay, benefits--retro-active 5.3 percent. Tom Philpott. AF Times 41:1+ Dec 29 '80

Slay: 'We are a nation ... of scientific illiterates.' John Ginovsky. AF Times 41:1+ Dec 22 '80

RETENTION OF MILITARY PERSONNEL - Continued

Some likely to get flight pay bonuses. AF Times 41:3 Sep 1 '80

Structure, environment, and satisfaction: Toward a causal model of turnover from military organizations. Allen C. Blueborn. illus tabs J Pol & Mil Sociol 7:181-207 Fall '79

33 skills will be added to re-up bonus Oct 1. Pat Dalton. AF Times 41:1+ Sep 15 '80

Top priority--retention. (Testimony of Joseph C. Zengerle before House Armed Services Subcommittee on Military Personnel) Martha Lynn Craver. AF Times 40:1+ Mar 10 '80

12 ways to hang on to Army Reservists. Col James R. Compton. illus Army 30:53-56 Apr '80

The unit career advisor. TIG Brief 32:23-24 Aug 29 '80

(The U.S. Navy) Interview. ADM Thomas B. Hayward. illus Armed Forces J Intl 117:49-50+ Apr '80

Who can blame them for leaving? MSgt Wayne L. Fisk. illus AF Mag 63:97-99 Nov '80

Why AF pilots resign: They don't fly enough. John Ginovsky. AF Times 41:1+ Nov 10 '80

Why the Army can't hold pilots. Ronald N. Dalby. illus Armed Forces J Intl 117:46+ May '80

Youth or experience in military manpower: Balancing the variables. Carolee B. Hartman. illus tabs Def Mgt J 16:65-67 First Quarter '80

RETIRED MILITARY PERSONNEL

(AF Retiree) Council wants CHAMPUS for retirees over 65. AF Times 41:29 Dec 15 '80

Are you eligible for CHAMPUS? illus Sergeants 18:13 Oct '80

Carter expected to OK bill giving SBP boost. Martha Lynn Craver. AF Times 41:1+ Oct 6 '80

Fight for retired officers' rights goes to Supreme Court. Deborah M. Kyle. Armed Forces J Intl 117:16 May '80

New enrollment system (Defense Enrollment/Eligibility Reporting System) mandatory for all military personnel and dependents. Officer 56:20 Jan '80

A place for living. (U.S. Soldiers' and Airmen's Home, Washington) illus Airman 24:20-23 Jun '80

Recalling retirees: Survey charts responsiveness. AF Times 40:4 May 5 '80

Retired officer (CDR Edward Rawlins) to collect \$100,000 for nonhike. AF Times 41:8 Dec 8 '80

Retired officers blast strictures. Paul Smith. AF Times 40:1+ Apr 28 '80

The retired scene. Regular feature in issues of Air Force Times beginning with March 3, 1980

Retirees--an emergency resource. Ed Gates. AF Mag 63:121 Jul '80

RETIRED MILITARY PERSONNEL - Continued

Retirees: 30 years to reach the bottom of the ladder. Irene Thibodeau. illus AF Times, Times Magazine sup:26+ Oct 6 '80

Retirement supplement. AF Times 40:28p sup opposite p 30 Feb 25 '80; 28p sup opposite p 28 Jul 14 '80; 28p sup opposite p 28 Jul 14 '80; 24p sup opposite p 32 Nov 10 '80

Retirement: The double whammy. Paul Smith. AF Times 41:43 Dec 1 '80

TROA wants benefits shored up. Bruce Callander. AF Times 41:4 Oct 20 '80

A tribute to dignity. (Air Force Village) Maj Garry Mitchelmore. illus Airman 24:34-48 Jun '80

What you should know about DEERS (Defense Enrollment/Eligibility Reporting System). Col A. H. Humphreys. Officer 56:23 Sep '80

RETIRED OFFICERS ASSOCIATION

TROA wants benefits shored up. Bruce Callander. AF Times 41:4 Oct 20 '80

RETIREMENT

See also
Discharges, Releases and Separations

Air Force--U.S.

AFA policy paper: Defense manpower issues. AF Mag 63:75-77+ Nov '80

Colonel (Filomena Manor) can remain, but can't get court costs. AF Times 41:4 Sep 8 '80

Colonel (Filomena Manor) claims (forced) retirement illegal. John Ginovsky. AF Times 40:3 Jun 9 '80

Disability retirement. TIG Brief 32:8 Sep 26 '80

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

O-6 (Filomena Manor) stops force-out at 30, will stay on duty. John Ginovsky. AF Times 40:2 Jul 7 '80

Senior staff changes. Regular feature in issues of Air Force Magazine

Twin generals (LtGen Charles C. Pattillo, MajGen Cuthbert A. Pattillo) part after 28 years. AF Times 41:49 Sep 15 '80

Armed Forces--U.S.

(DefSec) Brown wants 2-tier retirement. AF Times 40:4 Feb 11 '80

Midcareerists polled on retirement: Most favor current system. AF Times 40:12 Jan 21 '80

The realities of discount-rate selection. Paul F. Hogan and CDR Lee S. Mairs. illus Def Mgt J 16: 24-27 Third Quarter '80

Retirement supplement. AF Times 40:28p sup opposite p 30 Feb 25 '80; 28p sup opposite p 28 Jul 14 '80; 28p sup opposite p 28 Jul 14 '80; 24p sup opposite p 32 Nov 10 '80

RETIREMENT - ContinuedArmed Forces--U.S. - Cont'd

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Army--U.S.

Farewell to arms: A perspective on retirement. LtCol Donald B. Vought, Ret. illus tab Mil Rev 60:2-12 Feb '80

Marine Corps--U.S.

Early retirements remain a problem. LtCol Donald J. Myers. MarCor Gaz 64:59-62 Jun '80

Reserve Forces--Air Force--U.S.

Reserve retirement ... requires work at both ends. illus Air Reservist 32:15 Mar '80

United States

Group (President's Commission on Pension Policy) says people retiring too young. AF Times 41:6 Dec 1 '80

RETIREMENT PAY

Bill takes up issue of ex-spouse benefits. illus AF Times 40:3 Jun 9 '80

COLA in jeopardy. Col A.H. Humphreys. Officer 56:18 Jun '80

Civil service early outs getting close look by OPM. Don Mace. AF Times 40:10 Jun 23 '80

Court (of Claims) ruling: Pay claim limits vary for retirees. AF Times 40:14 Apr 28 '80

DOD, (Sen William) Armstrong oppose 'high 3' retirement pay. AF Times 40:3 Jul 14 '80

Decline in retiree annuities to continue. Tom Philpott. AF Times 40:3 Jan 14 '80

GAO: Keep retired raises below CPI. Paul Smith. AF Times 40:1+ Jul 21 '80

GAO opinion: Court can divide pay in divorces. AF Times 41:7 Sep 22 '80

Group (President's Commission on Pension Policy) says people retiring too young. AF Times 41:6 Dec 1 '80

Hill pushes once-a-year retirement raises. tabs AF Times 40:2 Apr 21 '80

House delays vote on once-a-year retiree hike. AF Times 41:12 Aug 18 '80

Let employees pay into SS. Joseph W. Bartlett. AF Times 40:23 Apr 14 '80

Major changes in SBP detailed. Martha Lynn Craver. AF Times 41:4 Nov 3 '80

Major (Joseph Schwenk) wins retirement, back pay after 13 years. AF Times 41:16 Nov 10 '80

OK near on 11.7% hike and 'high 3.' Martha Lynn Craver. AF Times 41:1+ Aug 11 '80

RETIREMENT PAY - Continued

1-a-year COL unresolved. AF Times 41:3 Oct 13 '80

Pay, retiree limits mar benefits bills. Martha Lynn Craver. AF Times 40:1+ Jul 7 '80

Plug disability loophole. (Rep Gladys N. Spellman before Compensation Subcommittee, House Post Office and Civil Service Committee) AF Times 40:6 Mar 10 '80

Retired pay higher than expected. Randall Shoemaker. tab AF Times 40:8 Feb 25 '80

Retired pay in divorce cases: Supreme Court to decide on spouses' split. AF Times 41:1+ Nov 3 '80

The retired scene. Regular feature in issues of Air Force Times beginning with March 3, 1980

Retiree raise seems OK, end to 1-hike effort seen. Martha Lynn Craver. AF Times 41:1+ Sep 1 '80

Retiree raise 7.7% unless Hill kills it. AF Times 41:3 Aug 4 '80

Retiree takes job in Israel, loses \$\$\$. AF Times 41:6 Sep 8 '80

Retirees must choose one benefit system. AF Times 40:14 Feb 18 '80

Senate okays 11.4% military pay hike while cutting retirement benefits. Deborah M. Kyle. tab Armed Forces J Intl 117:9 Aug '80

Understanding your Social Security. Sergeants 18:36-37 Jan '80

'You earned that retirement check, too.' Christine Langtry. illus AF Times, Times Magazine sup:6-10 Mar 3 '80

RETRAINING PROGRAMAir Force

More EM will retrain in lower NCO grades. AF Times 41:1+ Dec 22 '80

Palace Balance letters no cause for panic. Len Famiglietti. AF Times 41:2 Dec 8 '80

Army

Return to duty. MSgt Matt Glasgow. illus Soldiers 35:22-26 Apr '80

The returning brigade. Mary C. Femmer. illus Army 30:24-26+ Sep '80

REVIEWS, MILITARY see Military Ceremonies, Honors and Salutes

REVOLUTIONARY WAR--U.S.

Fredericksburg gun manufactory. L. Clyde Carter, Jr. illus Natl Def pt 1, 65:49-51 Dec '80

Legends of the Revolution: Women in the fight for independence. LtCol Gordon Taylor Bratz. illus Soldiers 35:24-25 Jul '80

Revolutionary War sword replica donated (to Heritage Gallery of the National Guard Assoc). illus Natl Guard 34:6 Dec '80

REVOLUTIONARY WAR--U.S. - ContinuedLessons Learned (Military)

"A foreign troop ..." Maj David P. Evans. illus US
Nav Inst Proc 106:32-37 Jun '80

REVOLUTIONS

The birth of brotherhood. Col A. Orlov. illus Soviet
Mil Rev No.5:9-11 May '80

Economic growth, distributional inequality, and political conflict in industrial societies. Melissa A. Hardy. tabs J Pol & Mil Sociol 7:209-227 Fall '79

The paralysis of fear: A psycho-political analysis of the Iranian revolution. F. Mina. Def & For Aff 8: 45-46 Nov '80

The professional revolutionary--a profile. Mostafa Rejai. illus AU Rev 31:86-90 Mar-Apr '80

Resettlement as a counter-revolutionary technique. (Trench Gascoigne Prize Essay, 1978) Maj R. Marston. RUSI J for Def Studies 124:46-50 Dec '79

The Second World War and the national-liberation movement. Col V. Aidarov. Soviet Mil Rev No. 6: 42-44 Jun '80

Terrorism: The international connection. Neil C. Livingstone. illus Army 30:14-21 Dec '80

World socialism and the national-liberation movement. Maj-Gen V. Kuchin. Soviet Mil Rev No. 10: 6-9 Oct '80

RHODESIA

The lessons of Zimbabwe-Rhodesia. Lord Saint Brides. Intl Sec 4:177-184 Spring '80

Rhodesian bush war strategies and tactics: An assessment. Thomas Arbuckle. map RUSI J for Def Studies 124:27-33 Dec '79

Rhodesia's settlement: Conflict turns Southward. Def & For Aff 8, No. 1:20-21 '80

Politics and Government

Zimbabwe-Rhodesia's elections: Unique options for Robert Mugabe. Def & For Aff 8, No. 3:48 '80

RICHARDSON, Elliot L.

How close is a law of the sea? Interview. Elliot L. Richardson. por Def & For Aff 8, No. 2:40-41 '80

RICKOVER, Hyman G.

(ADM) Rickover blasts DOD consultant use. AF Times 41:2 Sep 1 '80

The Rickover factor. Maureen Mylander. por AF Times, Times Magazine sup:12-17 Aug 4 '80

RIFLES

The combat shotgun. Maj David E. Baskett and James B. Ackley. illus Infantry 70:32-34 Jan-Feb '80

Safeguarding nuclear material: Transportation and storage--a training exercise for DOE personnel with M-16 rifles. David A. Kolman. illus Def Trans J 36:38-40 Apr '80

RIFLES - Continued

A "serviceable" service rifle. LCpl Andrew M. Bonwit. illus MarCor Gaz 64:24-25 Mar '80

Small arms: Beginning the change. David Harvey. illus Def & For Aff 8, No. 1:12-18 '80

Steyr-Daimler-Puch (Austrian Army's Universal Gun, AUG): Elements of the future. illus Def & For Aff 8, No. 1:19+ '80

Two views on: The rifle squad. Douglas K. Lehmann and Robert J. O'Neill. illus Infantry 70:18-21 May-Jun '80

We need a new service rifle--now! Harvey J. McGeorge II. illus tab MarCor Gaz 64:49-54 Mar '80

Why not a quiet rifle? Maj David E. Baskett. illus Infantry 70:14-16 Mar-Apr '80

Winchester goes to war. Edwin Pugsley. illus Natl Def 65:56-57+ Oct '80

History

Fredericksburg gun manufactory. L. Clyde Carter, Jr. illus Natl Def pt 1, 65:49-51 Dec '80

Testing

Revised version of M-16 being retested. illus MarCor Gaz 64:6 Apr '80

RIOT CONTROL

Another show at Seabrook. illus Natl Guard 34:17-18 Aug '80

Attitudes of U.S. Army paratroopers toward participation in the quelling of civil disturbances. William C. Cockerham and Lawrence E. Cohen. tabs J Pol & Mil Sociol 7:257-269 Fall '79

A city in pain. (Riots in Miami) illus Natl Guard 34: 8-11 Jul '80

Crowd control: A comparative viewpoint. H. G. Tittmar. RUSI J for Def Studies 124:57-60 Dec '79

Prison riot! New Mexico Guard picks up pieces. illus Natl Guard 34:20-23 Mar '80

Responding to crises: Army civic action. LtCol John Haberle. illus Soldiers 35:6-9 Sep '80

Showdown at Seabrook: Confrontation with "Clamshell Alliance" anti-nuclear power forces. illus map Natl Guard 34:10-12 Jan-Feb '80

Equipment

Internal security equipment survey. illus Intl Def Rev 13, No. 8:1261-1266 '80

History

The British Army and riot control in early 19th century England. Robert Rizzi. Army Qtr 109:74-85 Jan '79

RIOTS

A city in pain. (Riots in Miami) illus Natl Guard 34: 8-11 Jul '80

RIVER CROSSING, MILITARY see Stream Crossing,
Military

RIVERS see Waterways

ROADS

History

The Army's truckathon (1919). illus Translog 11:1-4
Aug '80

ROBBINS, Jack B.

Computers in the eighties: Opportunities or self-
inflicted wounds? MajGen Jack Robbins, Ret.
AF Mag 63:88-90+ Jul '80

ROCKET BOOSTERS see Boosters

ROCKET SLEDS

Eglin (AFB, FL) film units run 40,000 per second.
illus AF Times 41:27 Jul 28 '80

ROCKETS

See also

Missiles

Rockets and missiles: An obituary for cannon? Maj
William P. Whelihan. illus tab Fld Arty J 48:12-14
Jul-Aug '80

Tactical-missile survey. Mark Hewish. illus Intl Def
Rev pt 1, Ground targets. 13, No.6:851-864 '80;
pt 2, Air targets. 13, No.9:1431-1444 '80

Characteristics

Barrage rockets. Enrico delle Capre. illus Asian
Def J No.4:61-62+ Jul-Aug '80

Engines

Rocket plume burn hazard. A.M.Stoll and others.
illus tabs Aviation, Space & Envmt Med 51:480-
484 May '80

Fuels

See Propellants

Launching

BM-21 rocket launcher. Col N.Pavlov. illus Soviet
Mil Rev No.7:28-30 Jul '80

Barrage rockets. Enrico delle Capre. illus Asian
Def J No.4:61-62+ Jul-Aug '80

MLRS (Multiple Launch Rocket System)--the soldier's
system. Mary L.Corrales. illus Fld Arty J 48:
8-11 Jul-Aug '80

MLRS (Multiple Launch Rocket System): The soldier's
system. Ron Sherman. illus tabs NATO's Fifteen
Nations Special Issue No.1:145+ '80

Multiple Launch Rocket System (MLRS) to counter
surge attack. J.Philip Geddes. illus Intl Def
Rev 13, No.5:728-732 '80

Rocket launchers. Col V.Botin. Soviet Mil Rev No.11:
30-31+ Nov '80

ROCKETS - Continued

Launching - Cont'd

U.S. Army selects Vought MLRS (Multiple Launch
Rocket System). illus Armada Intl 4:76+ May-
Jun '80

Italy

Firos 6 and Firos 25--two new battlefield rocket sys-
tems from Italy. illus Intl Def Rev 13, No.5:735-
736 '80

United States

The fastest man on land. (Stan Barrett, first man to
break the sound barrier on land) MSgt David B.
Drachlis. illus Airman 24:24-30 Jun '80

Multiple Launch Rocket System (MLRS) to counter
surge attack. J.Philip Geddes. illus Intl Def
Rev 13, No.5:728-732 '80

ROGERS, Bernard W.

NATO C³ issues. Gen Bernard W.Rogers and others.
por Signal 35:9-10+ Dec '80

ROLES AND MISSIONS

Air Force--Canada

The Canadian Armed Forces: Air Command. LtGen
G.A.Mackenzie. illus NATO's Fifteen Nations
Special Issue No.2:42+ '79

Air Force--France

The French Air Force. Col Yvan Malaganne. illus
tab NATO's Fifteen Nations Special Issue
No.2:52+ '79

Air Force--Great Britain

The RAF in the 1980s. Col Norman L.Dodd. illus
Asian Def J No.5:32+ Sep-Oct '80

Air Force--Italy

The Italian Air Force. Gen Alessandro Mettimano.
illus NATO's Fifteen Nations Special Issue
No.2:63+ '79

Air Force--NATO

The Belgian Air Force. LtGen M. de Smedt. illus
NATO's Fifteen Nations Special Issue No.2:
38-40 '79

The Canadian Armed Forces: Air Command. LtGen
G.A.Mackenzie. illus NATO's Fifteen Nations
Special Issue No.2:42+ '79

The Luftwaffe. LtGen F.Obleser. illus NATO's Fif-
teen Nations Special Issue No.2:56-58+ '79

NATO air operations in the Central Region: Can we
meet the threat? Gen John W.Pauly. illus NATO's
Fifteen Nations Special Issue No.2:28+ '79

The Portuguese Air Force and NATO. LtGen José
Lemos Ferraira. illus NATO's Fifteen Nations
Special Issue No.2:76-77 '79

The Royal Air Force. ACM Michael Beetham. illus
NATO's Fifteen Nations Special Issue No.2:
80-82 '79

ROLES AND MISSIONS - ContinuedAir Force--NATO - Cont'd

The Royal Netherlands Air Force. LtGen M.G. Geschiere. illus NATO's Fifteen Nations Special Issue No.2:68+ '79

The Royal Norwegian Air Force. MajGen Ingar T. Narvhus. illus NATO's Fifteen Nations Special Issue No.2:72+ '79

Tactical air power considerations in the Northern Region. LtGen J.Brodersen. illus tabs NATO's Fifteen Nations Special Issue No.2:24-27 '79

United Kingdom AIR Forces (UKAIR). ACM David Evans. illus NATO's Fifteen Nations Special Issue No.2:18+ '79

The United States Air Force and NATO. Gen Lew Allen, Jr. illus NATO's Fifteen Nations Special Issue No.2:84+ '79

The winged lion (Allied Air Forces Southern Europe). LtGen Devol Brett. illus NATO's Fifteen Nations Special Issue No.2:34-36 '79

Air Force--Russia

The development of Soviet aviation support. James H. Hansen. illus tabs map Intl Def Rev 13, No.5: 681-685 '80

Air Force--U.S.

Not all peaches and cream for the space shuttle. illus Def Elect 12:75-76 Dec '80

SAC's dual edged sword. Gen Richard H.Ellis. illus NATO's Fifteen Nations 25:18-20+ Apr-May '80

Some thoughts on Air Force doctrine. Maj Robert C. Ehrhart. illus AU Rev 31:29-38 Mar-Apr '80

Armed Forces--NATO

United we stand: Allied Command Europe Mobile Force (Land). illus map NATO's Fifteen Nations 25:84-85 Apr-May '80

Armed Forces--Spain

Spain and its defense organization. LtCol J.Sánchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No.9:1489-1494 '79; pt 2, The defense industry. 13, No.1:103-108 '80

Armed Forces--U.S.

Long range air defence. MajGen O.D.Street III and LtCol K.N.Brown. illus tab NATO's Fifteen Nations 25:47-48+ Aug-Sep '80

Army--U.S.

Army revitalizing mobilization plans, procedures, assets. LtGen Glenn K.Otis. illus Army 30:118-123 Oct '80

HELBAT: The way to tomorrow's artillery? R.B. Pengelley. illus Intl Def Rev 13, No.1:83-88 '80

The Infantry: Its roles and missions. Marie B. Edger-ton. illus Air Def Mag, pp 9-13, Jul-Sep '80

ROLES AND MISSIONS - ContinuedCoast Guard--U.S.

The Coast Guard and the southeastern frontier. CAPT A.R.Larzelere. illus tabs map US Nav Inst Proc 106:140-153 May '80

Operations or regulations? Andrew G.Webb. illus US Nav Inst Proc 106:52-57 Oct '80

Standing into danger. LCDR John F.Ebersole. illus US Nav Inst Proc 106:58-65 Oct '80

Marine Corps--U.S.

The U.S. Marine Corps: Strategy for the future. LtCol William M.Krulak. illus US Nav Inst Proc 106:94-105 May '80

Navy

Role of small naval craft in Asia. Benjamin S.L. Smith. illus Asian Def J No.2:97-98 Mar-Apr '80

Navy--Great Britain

The Royal Navy 1980. Col N.L.Dodd. illus Asian Def J No.3:114-116+ May-Jun '80

Navy--NATO

The Iberian Atlantic Area Command. Christian Eliot. illus map NATO's Fifteen Nations 24:68-69 Oct-Nov '79

Navy--Russia

A new trend in Soviet naval developments. Michael MccGwire. illus Intl Def Rev 13, No.5:675-680 '80; Nav War Col Rev 33:3-12 Jul-Aug '80

The rationale for the development of Soviet seapower. Michael MccGwire. illus map US Nav Inst Proc 106:154-183 May '80

Navy--Thailand

The Royal Thai Navy's Ratcharit-class. Enrico delle Capre. illus tabs Asian Def J No.5:83+ Sep-Oct '80

Navy--U.S.

A fleet for the year 2000: Future force structure. F.J.West, Jr. illus tabs US Nav Inst Proc 106: 66-81 May '80

SSNs: Stalking the Soviet nukes. CAPT Joseph F. Callo. illus Sea Power 22:16-18+ Dec '79

United Nations

Keeping the peace. Col N.L.Dodd. illus Asian Def J No.1:4-5+ Jan-Feb '80

ROLYA, William I.

Perspectives of EW. MajGen William I.Rolya. Signal 34:19-20 Apr '80

ROOSEVELT, Franklin D.

FDR's "big stick." (Proposed naval quarantine of Japan, 1937) John McVickar Haight, Jr. por US Nav Inst Proc 106:68-73 Jul '80

ROOSEVELT, Theodore

Mahan and Theodore Roosevelt: The assessment of influence. CDR Michael T. Corgan. Nav War Col Rev 33:89-97 Nov-Dec '80

ROSENBERG, Robert A.

The shuttle and the second great era in space.

BrigGen Robert A. Rosenberg and LtCol Wayne L. O'Hern, Jr. por Defense/80, pp 12-19, May '80

Space policy and its implications on shuttle. (Paper presented at 1979 Annual Meeting, American Astronautical Society, Los Angeles, Oct 29-Nov 1) BrigGen Robert A. Rosenberg and LtCol Wayne L. O'Hern, Jr. AF Plcy Ltr for Comdrs: Sup No. 1: 17-25 Jan '80

RUMANIA

China's Balkan strategy. David A. Andelman. Intl Sec 4:60-79 Winter '79/'80

Foreign Policy

Defense and mass mobilization in Romania. David P. Burke. Armed Forces & Soc 7:31-49 Fall '80

RUNWAYS

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in some issues of MAC Flyer

Foaming halted for runway use. AF Times 40:3 May 19 '80

Hydroplaning made easy. Maj Arthur P. Meikel. illus Aerosp Safety 36:22-25 Dec '80

Project Touchdown: Lending a hand. Maj James I. Clark. illus AF Engrg & Svcs Qtr 21:10-12 May '80

Runway foaming. TIG Brief 32:13-14 Jun 13 '80

Snow and ice on the runway. TIG Brief 32:18 Feb 8 '80

Suds duds. Maj Glen D. Chambers. illus Aerosp Safety 36:24-25 Jun '80

To foam or not to foam. Maj Garry S. Mueller. illus TAC Attack 20:18-20 Jun '80

Unauthorized vehicles on the runway. TIG Brief 32: 17-18 Nov 14 '80

Maintenance and Repair

A horse of a unique color. (819th Civil Engineering Sq) Capt R. A. Torgerson and Maj K. A. Kolz. illus AF Engrg & Svcs Qtr 21:23-25 Aug '80

Rehabilitating aerodromes. Col A. Zhuravlyov. illus Soviet Mil Rev No. 10:29-30 Oct '80

They are ready! (Prime BEEF units and Rapid Runway Repair course, Eglin AFB, FL) Lt Thomas C. Sliwoski. illus AF Engrg & Svcs Qtr 21:20-21 Aug '80

To save a million dollars. H. R. Marien. illus AF Engrg & Svcs Qtr 21:22-25 Feb '80

RUNWAYS - ContinuedMaintenance and Repair - Cont'd

Triple R (Rapid Runway Repair) technology ... critical to national security. James R. Van Orman and Lt Kenneth J. Knox. illus AF Engrg & Svcs Qtr 21: 29-32 Aug '80

RUSS, Robert D.

Tactical air warfare--the next 20 years. (Presentation, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) BrigGen Robert Russ. AF Plcy Ltr for Comdrs: Sup, pp 7-12, Jul '80

RUSSELL, Len C.

Air Force Inspection and Safety Center. por AF Mag 63:109-110 May '80

RUSSIA

How the Soviet Union is ruled. CDR Steve F. Kime. illus map tabs AF Mag 63:54-59 Mar '80

The Soviet invasion of Afghanistan. R. D. M. Furlong and Theodor Winkler. illus map Intl Def Rev 13, No. 2:168-170 '80

Economic Conditions

Home-front exploit. Lt-Col N. Kurov. illus Soviet Mil Rev No. 5:18-21 May '80

Soviet family budget. (Interview with A. Smirnov) tabs Soviet Mil Rev No. 9:14-16 Sep '80

Economic Policy

Home-front exploit. Lt-Col N. Kurov. illus Soviet Mil Rev No. 5:18-21 May '80

Soviet economic options in the 80s. (Interview with John P. Hardt) illus Def & For Aff 8, No. 4: 40-42 '80

Foreign Economic RelationsAsia, Southeastern

On a mutually advantageous basis. Soviet Mil Rev No. 1:50 Jan '80

India

A factor of peace and stability. V. Yefremov. Soviet Mil Rev No. 5:55-56 May '80

United States

Economic sanctions as a foreign policy tool? Otto Wolff von Amerongen. Intl Sec 5:159-167 Fall '80

Foreign Policy

An alternative to appeasement. Mark N. Katz. illus US Nav Inst Proc 106:58-62 Jun '80

"Bear hug" by Russia's Wet Squad. L. Thomas Walsh. Armed Forces J Intl 117:76 Mar '80

Behind the myth of the "Soviet Threat." Maj-Gen M. Monin. Soviet Mil Rev No. 9:47-49 Sep '80

RUSSIA - ContinuedForeign Policy - Cont'd

- The birth of brotherhood. Col A.Orlov. illus Soviet Mil Rev No.5:9-11 May '80
- China, Soviet strategy, and American policy. Robert L.Pfaltzgraff, Jr. Intl Sec 5:24-48 Fall '80
- "Dear voter"--an open letter to the American electorate. Colin S.Gray. AF Mag 63:53-56 Oct '80
- Disquiet in the Far East. (Trench Gascoigne Prize Essay) I.P.S.G. Cosby. tab chart RUSI J for Def Studies 125:44-51 Sep '80
- The extended family. James Hansen. illus tabs Def & For Aff 8:6-11 Sep '80
- The "external function" of Soviet Armed Forces. Avigdor Haselkorn. illus Nav War Col Rev 33:35-45 Jan-Feb '80
- Fulfilling internationalist duty. (Military assistance rendered by the Soviet Union to the peoples fighting for their freedom and independence from 1920 to 1940) Lt-Col N.Larichev. Soviet Mil Rev No.3: 46-48 Mar '80
- Historic example of cooperation (on occasion of the 35th anniversary of the Yalta Conference). N.Glagolev. Soviet Mil Rev No.1:36-38 Jan '80
- In defense of defense. Sen Nancy Landon Kassebaum. illus tabs Def Mgt J 16:38-42 Second Quarter '80
- Is Russia behind U.S. crises? LtGen Ira C.Eaker, Ret. Natl Def 64:53 Apr '80
- Leninism triumphant. illus Soviet Mil Rev No.1:2-4 Jan '80
- The Leninist peace policy in action. V.Yefremov. Soviet Mil Rev No.2:48-50 Feb '80
- Middle-Eastern maelstrom. Robin N.Montgomery. illus map Natl Def 64:28-32+ Jun '80
- Military aircraft exports: Soviet foreign policy tool. F.Clifton Berry, Jr. illus tabs AF Mag 63:72-75+ Mar '80
- Moscow's goal is military superiority. Edgar Ulsamer. tabs AF Mag 63:42-52 Mar '80
- The northern flank of NATO. Gen Peter Whiteley. RUSI J for Def Studies 125:9-13 Mar '80
- The rationale for the development of Soviet seapower. Michael McGwire. illus map US Nav Inst Proc 106:154-183 May '80
- The Second World War and the contemporary period. MajGen S.Tyushkevich. Soviet Mil Rev No.8:2-5 Aug '80
- Soviet and radical Arab designs on the Saharan Belt. Arabel G.Kossow. map Armed Forces J Intl 117:22+ Jun '80
- Soviet Asian pre-occupations. Jacquelyn Porth. illus Def & For Aff 8:32-33 Aug '80
- The Soviet-Cuban intervention in Angola. Jiri Valenta. illus map US Nav Inst Proc 106:51-57 Apr '80

RUSSIA - ContinuedForeign Policy - Cont'd

- Soviet expansion and control of the sea-lanes. Mickey Edwards. illus US Nav Inst Proc 106:46-51 Sep '80
- Soviet foreign policy: Consistencies, risks, implications for U.S. policy. LtCol John D.Baker, Jr. illus tab Mil Rev 60:25-30 Jun '80
- Soviet geopolitical momentum: Myth or menace? Trends of Soviet influence around the world from 1945 to 1980. tabs Def Monitor 9: entire issue Jan '80
- A Soviet Navy for the nuclear age. CDR Steve F.Kime. illus Parameters 10:58-70 Mar '80
- Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80
- Soviet policy and socialist expansion in Asia and Africa. Seth Singleton. tab Armed Forces & Soc 6:339-369 Spring '80
- Toward an estimate of the Soviet worldview. Daniel S.Papp. illus Nav War Col Rev 32:60-77 Nov-Dec '79
- A transparent figleaf: The offensive nature of Soviet military doctrine. LtCol Jurgen B.Arbeiter. AU Rev 32:93-98 Nov-Dec '80
- The umpteenth Cuban confrontation. Capt Leslie K.Fenlon, Jr, Ret. illus US Nav Inst Proc 106:40-45 Jul '80
- A world of escalating interdependencies. George W.Collins. AU Rev 31:102-108 Sep-Oct '80

Foreign Relations

- Army of internationalists. Col A.Solovyov. Soviet Mil Rev No.2:2-4 Feb '80
- Developments in East Asia. Brig F.W.Speed. Army Qtr 109:19-22 Jan '79
- Soviet geopolitical momentum: Myth or menace? Trends of Soviet influence around the world from 1945 to 1980. tabs Def Monitor 9: entire issue Jan '80
- A strategic analysis of Northeast Asia and the Northwest Pacific. CAPT John F.Tarpey, Ret. illus maps US Nav Inst Proc 106:106-125 May '80

Afghanistan

- Afghanistan--a dissenting appraisal. Geoffrey Warhurst. RUSI J for Def Studies 125:26-30 Sep '80
- The Afghanistan crisis. Pervaiz Iqbal Cheema. illus Islamic Def Rev 5, No.2:11-19 '80
- Afghanistan--the great game. Col Jerome J.Haggerty. illus map Mil Rev 60:37-44 Aug '80
- From Prague to Kabul: The Soviet style of invasion. Jiri Valenta. Intl Sec 5:114-141 Fall '80
- The modern barbarians. L.Thomas Walsh. Armed Forces J Intl 117:50+ Jul '80
- Soviet activities in the Third World: A new pattern. Maj David T.Twining. illus Mil Rev 60:2-10 Jun '80

RUSSIA - ContinuedForeign Relations - Cont'dAfghanistan - Cont'd

Soviet ambitions in South Asia. A.G.Noorani. Intl Sec 4:31-59 Winter '79/'80

The Soviet invasion of Afghanistan: Methods, motives, and ramifications. Capt Joseph J. Collins. illus Nav War Col Rev 33:53-62 Nov-Dec '80

The Soviet status in Afghanistan. illus Def & For Aff 8, No.2:36-38+ '80

What are U.S. interests? (Presentation, Council on Foreign Relations, New York, March 6, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-10, May '80

Afghanistan--History

The Soviet military stake in Afghanistan: 1956-79. Patrick J. Garrity. illus RUSI J for Def Studies 125:31-36 Sep '80

Africa

The Cuban catspaw. MajGen Charles Stainforth. Army Qtr 109:6-10 Jan '79

Soviet and radical Arab designs on the Saharan Belt. Arabel G. Kossow. map Armed Forces J Intl 117:22+ Jun '80

Soviet policy and socialist expansion in Asia and Africa. Seth Singleton. tab Armed Forces & Soc 6:339-369 Spring '80

Angola

Soviet activities in the Third World: A new pattern. Maj David T. Twining. illus Mil Rev 60:2-10 Jun '80

Asia

Soviet policy and socialist expansion in Asia and Africa. Seth Singleton. tab Armed Forces & Soc 6:339-369 Spring '80

Asia, Eastern

Disquiet in the Far East. (Trench Gascoigne Prize Essay) I. P. S. G. Cosby. tab chart RUSI J for Def Studies 125:44-51 Sep '80

Soviet Asian pre-occupations. Jacquelyn Porth. illus Def & For Aff 8:32-33 Aug '80

Asia, Southeastern

New patterns of strategic conflict in Southeast Asia. Justus M. van der Kroef. illus Parameters 10: 60-68 Jun '80

South East Asia air defence. AVM Stewart Menaul. illus Asian Def J No.2:74-76 Mar-Apr '80

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

China (People's Republic)

China rethinks the Soviet model. Marshall I. Goldman. Intl Sec 5:49-65 Fall '80

RUSSIA - ContinuedForeign Relations - Cont'dChina (People's Republic) - Cont'd

China, Soviet strategy, and American policy. Robert L. Pfaltzgraff, Jr. Intl Sec 5:24-48 Fall '80

China's Balkan strategy. David A. Andelman. Intl Sec 4:60-79 Winter '79/'80

Southeast Asia today--cultural continuity and political instability. Thomas J. Bellows. illus AU Rev 31: 83-92 Sep-Oct '80

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

Cuba

The umpteenth Cuban confrontation. Capt Leslie K. Fenlon, Jr. Ret. illus US Nav Inst Proc 106:40-45 Jul '80

Czechoslovakia

From Prague to Kabul: The Soviet style of invasion. Jiri Valenta. Intl Sec 5:114-141 Fall '80

Ethiopia

Soviet activities in the Third World: A new pattern. Maj David T. Twining. illus Mil Rev 60:2-10 Jun '80

Greece

Greek foreign policy in the 1980's: Decade for decision. Michael M. Boll. illus Parameters 10:72-81 Dec '80

India

A factor of peace and stability. V. Yefremov. Soviet Mil Rev No.5:55-56 May '80

Soviet ambitions in South Asia. A.G.Noorani. Intl Sec 4:31-59 Winter '79/'80

Iran

Russia and Iran--cold war and warm water: Why Iran is next on Russia's hit list. Jack Maury. Armed Forces J Intl 117:61-62 Apr '80

Soviet ambitions in South Asia. A.G.Noorani. Intl Sec 4:31-59 Winter '79/'80

Japan

Disquiet in the Far East. (Trench Gascoigne Prize Essay) I. P. S. G. Cosby. tab chart RUSI J for Def Studies 125:44-51 Sep '80

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

Korea (Democratic People's Republic)

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

Korea (Republic)

Soviet policy and prospects in East Asia. Donald Zagoria. Intl Sec 5:66-78 Fall '80

RUSSIA - ContinuedForeign Relations - Cont'dLaos

Two scorpions in a cup: America and the Soviet airlift to Laos. Capt Earl H. Tilford, Jr. illus maps
Aerosp Hist 27:151-162 Sep '80

Libya

Soviet military presence in Libya. Yossef Bodansky.
Armed Forces J Intl 118:89-90+ Nov '80

Middle East

The superpowers and the Northern Tier. Zalmay Khalilzad. Intl Sec 4:6-30 Winter '79/'80

The troubled Middle East: More fluid, more important, than ever. Gregory Copley. illus Def & For Aff 8, No.6:6-12+ '80

Mozambique

Soviet activities in the Third World: A new pattern. Maj David T. Twining. illus Mil Rev 60:2-10 Jun '80

Pakistan

Soviet ambitions in South Asia. A.G. Noorani. Intl Sec 4:31-59 Winter '79/'80

Third World

An alternative to appeasement. Mark N. Katz. illus US Nav Inst Proc 106:58-62 Jun '80

Soviet activities in the Third World: A new pattern. Maj David T. Twining. illus Mil Rev 60:2-10 Jun '80

The Soviet-Cuban intervention in Angola. Jiri Valenta. illus map US Nav Inst Proc 106:51-57 Apr '80

USSR and Red China in the Third World. Richard F. Staar. illus map tabs NATO's Fifteen Nations 25: 81-82+ Jun-Jul '80

Turkey

Turkey as a self-inflicted wound: The narrowing options for U.S. defense policy. Justin Galen. tab map Armed Forces J Intl 117:62+ Jun '80

United States

Arms control in Soviet policy. Colin S. Gray. illus AF Mag 63:66-71 Mar '80

The death of detente? Dimitri K. Simes. Intl Sec 5: 3-25 Summer '80

NSC 68 and the Soviet threat reconsidered. John Lewis Gaddis and Paul Nitze. Intl Sec 4:164-176 Spring '80

Prospects for peace in the nuclear world. Arthur J. Vidich. J Pol & Mil Sociol 8:85-97 Spring '80

RUSSIA - ContinuedForeign Relations - Cont'dUnited States - Cont'd

Soviet foreign policy: Consistencies, risks, implications for U.S. policy. LtCol John D. Baker, Jr. illus tab Mil Rev 60:25-30 Jun '80

Soviet perceptions of the American political milieu. Daniel S. Papp. illus Parameters 10:69-78 Jun '80

The tragicomedy of arms trade control. Richard K. Betts. Intl Sec 5:80-110 Summer '80

Yemen

Soviet activities in the Third World: A new pattern. Maj David T. Twining. illus Mil Rev 60:2-10 Jun '80

Yugoslavia

Yugoslav security after Tito. Phillip A. Karber and Jon L. Lellenberg. illus Strat Rev 8:44-58 Spring '80

Politics and Government

The Communist Party--organiser of victory. Lt-Gen P. Zhilin. Soviet Mil Rev No.4:10-13 Apr '80

Democracy of developed socialism. MajGen V. Kuchin. Soviet Mil Rev No.2:14-15 Feb '80

How the Soviet Union is ruled. CDR Steve F. Kime. illus map tabs AF Mag 63:54-59 Mar '80

The leading force of Soviet society. Capt A. Skrylnik. illus Soviet Mil Rev 11:2-5 Nov '80

Member of the Communist Party: His duties and rights. Lt-Col G. Belousov. illus Soviet Mil Rev No.9:11-13 Sep '80

Party Congresses. V. Aidarov. illus Soviet Mil Rev No.10:10-12 Oct '80

Politics, power perception, and the Soviet military. Gregory L. Lathrop. Armed Forces & Soc 6:695-700 Summer '80

Social Conditions

Special purpose units (territorial military formations of the Communist Party). Col P. Dmitriyev. illus Soviet Mil Rev No.2:43-45 Feb '80

The Soviet Union: Perspective of an Army attache. Col Bernard Loeffke. illus Parameters 10:52-56 Dec '80

Social Life and Customs

A society of advanced culture. V. Borisov. illus Soviet Mil Rev No.5:21-24 May '80

RYAN, Thomas M., Jr

Views of Vice CINCMAC. Interview. LtGen Thomas M. Ryan, Jr. por Airlift Ops Rev 2:2-10 Jan-Mar '80

SABMIS (Strategic Antiballistic Missile Intercept System) see Missile Defense

SAC see Strategic Air Command

SACEUR see Allied Command Europe

SACLANT see Allied Command Atlantic

SACLANT ANTISUBMARINE WARFARE RESEARCH CENTRE

SACLANT Antisubmarine Warfare Research Centre.
Basil W. Lythall. illus NATO's Fifteen Nations
25:60-62 Apr-May '80

SALT see Arms Control

SAR see Search and Rescue

SES see Air Cushion Vehicles

SHAPE TECHNICAL CENTRE

SHAPE Technical Center 1980. WgComdr Peter J.
Evans, Ret. illus NATO's Fifteen Nations 24:76-
Dec '79-Jan '80

SOLE see Society of Logistics Engineers

SPADOC see Space Defense Operations Center

STOL see Airplanes, V/STOL

SAFETY MEASURES see

Flying Safety
Ground Safety
Water Safety
 also subdivision Safety Measures under specific
 subjects, e.g.,
Aircraft Carriers--Safety Measures
Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Building and Construction--Safety Measures
Chemical-Biological Warfare--Safety Measures
Helicopters, Military--Safety Measures
Missiles--Safety Measures
Nuclear Weapons--Safety Measures
Propellants--Safety Measures
Radiation--Safety Measures
Tanks, Military--Safety Measures

SAFETY PROGRAMS

The other pilots in the Air Force. Maj Michael T.
Fagan. illus Aerosp Safety 36:19-21 Jul '80

Safety first ... last ... and always. illus Aerosp
Safety 36:21-24 Sep '80

Air Force

Bicycles: A real threat? TIG Brief 32:19-20
Nov 14 '80

Bubble gum, bailing wire, and ASIP (Aircraft Struc-
tural Integrity Program), or ... how we keep
your aircraft from falling apart. Maj Paul L.
Tiley. illus tabs Aerosp Safety 36:22-23 Feb '80

Commanders' key to explosives safety. TIG Brief
32:16 Nov 14 '80

SAFETY PROGRAMS - Continued

Air Force - Cont'd

Compressed gases. TIG Brief 32:8 May 2 '80

The egress system gun is loaded. TIG Brief 32:15
May 16 '80

Hazard reporting. TIG Brief 32:19 Jan 25 '80

Influencing attitudes, safety wise. TIG Brief 32:20
Nov 28 '80

An inspector's view of safety. Col Gary R. Tompkins.
illus Aerosp Safety 36:8-9 May '80

The mission ... and the man. LtCol Jim Bustle. tabs
TAC Attack 20:4-7 Aug '80

PE (Personnel Error): Not physical education. TIG
Brief 32:6 Nov 14 '80

Preparing the team for the Super Bowl. Col Gary R.
Tompkins. illus Aerosp Safety 36: inside front
cover Jun '80

Safety domino theory. TIG Brief 32:17-18 Sep 26 '80

The safety inspector. TIG Brief 32:3 Jan 25 '80

Safety recruiting. TIG Brief 32:14 Nov 14 '80

Safety supervision (direct and indirect). TIG Brief
32:17 Nov 14 '70

Safety support of tenant activities. TIG Brief 32:16
Feb 22 '80

Selling motorcycle safety. TIG Brief 32:14 Jul 25 '80

Taking the blinders off. TIG Brief 32:14 Jun 13 '80

Tankers live longer. (The value of the in-flight
Acoustic Crack Detection System (ACDS) for
C/KC-135 aircraft) Budd Parrish. illus tabs
Aerosp Safety 36:8-11 Apr '80

Technical assistance to safety investigations. TIG
Brief 32:20 Nov 14 '80

That's why. (Cockpit switches) MSgt John Mann. illus
TAC Attack 20:24-25 Jan '80

Zero-base mishaps: The only safety goal. TIG Brief
32:20 May 30 '80

Army

Safety: Building from the ground up. CW3 Rexford W.
Swartz. USA Avn Dig 26:32-33 Nov '80

Coast Guard

A marriage of convenience: Marine safety and com-
puters. LT William J. Barker. illus map US Nav
Inst Proc 106:125-127 Oct '80

SAHARA

Polisario's ongoing war against Morocco has ramifi-
cations in tactical warfare. Def & For Aff 8,
No.4:48+ '80

SAILING

U.S. Navy sail training 1980. CAPT R.D. McWethy, Ret. illus US Nav Inst Proc 106:97-100 Dec '80

SALARIES see subdivision Salaries and Wages under specific subjects, e.g.,
Civilian Employees--U.S.--Salaries and Wages

SALESMEN AND SALESMANSHIP

BXs reflect merchandising revolution. AF Times 40:7 May 19 '80

SALUTES, MILITARY see Military Ceremonies, Honors and Salutes

SALVAGE

Clearing harbors imaginatively. CDR William I. Milwee, Jr. Ret. illus Mil Engr 72:323-326 Sep-Oct '80

The quest for ancient gold. Stephen M. Voynick. illus US Nav Inst Proc 106:66-71 Dec '80

SATELLITES, ARTIFICIAL

See also
Space Stations

Communication Applications

Air Force C³ technologies. LtGen Robert T. Marsh. illus Signal 35:32-36 Sep '80

Benefits in space for developing countries. Theo Pirard. illus tab Aerosp Intl 16:56-61 May-Jun '80

C³I satellite systems. Paul A. Chadwell. illus Natl Def 64:50-53+ Jun '80

The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

Command, control and communications in the future. (Presentation, 16th Annual Meeting, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) LtGen Robert T. Marsh. AF Ploy Ltr for Comdrs: Sup, pp 30-40, Aug '80

The communications regulatory process. (Address, Technology Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) Rep Lionel Van Deerlin. illus Signal 34:25-27 Feb '80

Electronics in warfare: A look ahead. Robert J. Hermann. illus AF Mag 63:76-80 Jul '80

Europe pioneers direct-broadcast TV satellites. illus tab Interavia 35:645-646 Jul '80

HF radio program for the future. Michael J. DiJulio. Signal 35:16-17 Nov '80

Information distribution system network for survivable communications. Fred J. Ricci. illus tabs Signal 34:43-49 Mar '80

Military communications satellites: A brief overview of current U.S. and Soviet systems. illus Interavia 35:351-353 Apr '80

An overview of the effects of nuclear weapons on communications capabilities. Capt Michael A. King and Paul B. Fleming. illus tabs map Signal 34:59-60+ Jan '80

SATELLITES, ARTIFICIAL - ContinuedCommunication Applications - Cont'd

Satellite earth stations. Theo Pirard. illus map Aerosp Intl 16:36-39 Jul-Aug '80

Satellites: The new stars. L.B. Woods. illus Def & For Aff 8, No.3:42-43+ '80

The shape of the future. illus Signal 34:11-13+ Jan '80

Space systems communications. (Address, Keynote Luncheon, AFCEA Western Conference & Exposition, Anaheim, CA, Jan 9-11, 1980) LtGen Richard C. Henry. illus Signal 34:29-31 Feb '80

Strategic laser communications. CDR Thomas F. Wiener. illus tab Signal 35:43-48 Sep '80

Stratsat dies in Congress--one more time. illus Def Elect 12:63-64+ Dec '80

Teleconferencing in the 1980s. Reinhard Stamminger. tabs maps Signal 34:41-43 Jul '80

Thinking about Soviet C³. Norman Polmar. illus NATO's Fifteen Nations 24:36-38+ Oct-Nov '79

Two DOD satellites now operational. AF Times 40:35 Mar 10 '80

WARC (World Administrative Radio Conference)-79 and its impact on defense and national security. William J. Cook. Signal 34:11-15 Jul '80

West German space programs. illus tab Interavia 35:311-312 Apr '80

The white desert. (Climatic conditions at Thule AB, Greenland, are inhospitable to humans but provide important conditions for testing satellite communications equipment) Allen L. Johnson. illus Airman 24:26-31 Apr '80

Testing

USAF testing laser system. Signal 34:97 Feb '80

Design

Space talk. SP5 Bill Branley. illus Soldiers 35:18-22 Dec '80

W-P (Aero Propulsion) Lab's battery meets space challenge. AF Times 40:26 May 26 '80

Guidance and Control

"Intelligent" missiles for tomorrow. John S. Philipp. illus Asian Def J No.5:20+ Sep-Oct '80

Interception

A more liberal, avant garde R&D program. Edgar Ulsamer. illus AF Mag 63:42-47 Jun '80

Launching

European launcher (Ariane) set to loft satellites. illus tabs Def Elect 12:28 Dec '80

Meteorological ApplicationsSee also

Space Project--TIROS

SATELLITES, ARTIFICIAL - ContinuedMeteorological Applications - Cont'd

Satellite photos play alert role. AF Times 40:25
Jun 30 '80

Twenty years of forecasting progress: Weather from space. Theo Pirard. illus Aerosp Intl 16:55-56+
Sep-Oct '80

Military Applications

The Air Force in space. (Presentation, Dunedin and Tampa Air Force Assoc Chapters, Dunedin, FL, Feb 28, 1980) MajGen William R. Yost. AF Plcy Ltr for Comdrs: Sup, pp 16-22, Jun '80

C³I satellite systems. Paul A. Chadwell. illus Natl Def 64:50-53+ Jun '80

Launch under attack to redress Minuteman vulnerability? Richard L. Garwin. Intl Sec 4:117-139
Winter '79/'80

Making use of space hardware. (Presentation, Beverly Hills Rotary Club, Beverly Hills, CA, Aug 18, 1980) LtGen Richard C. Henry. AF Plcy Ltr for Comdrs: Sup, pp 28-32, Oct '80

Military communications satellites: A brief overview of current U.S. and Soviet systems. illus Interavia 35:351-353 Apr '80

Military space communications systems--has technology outpaced the user? LtGen Richard C. Henry. illus NATO's Fifteen Nations 24:18+ Dec '79-
Jan '80

Military space maneuvers in the '80s. Deborah M. Kyle and others. illus Armed Forces J Intl 117: 36-38+ Jul '80

New missile warning sensor unveiled. Benjamin F. Schemmer. illus Armed Forces J Intl 117:50
Jun '80

Photographic satellite reconnaissance. CDR Cecil B. Jones, Jr, Ret. illus US Nav Inst Proc 106:41-51
Jun '80

Space talk. SP5 Bill Branley. illus Soldiers 35:18-22
Dec '80

Thinking about Soviet C³. Norman Polmar. illus NATO's Fifteen Nations 24:36-38+ Oct-Nov '79

Navigation Applications

GPS: Global Positioning System--an 18-star navigation constellation. James A. Austin. illus tabs Mil Elect/Countermeasures 6:63-64+ Jun '80

NAVSTAR: A single navigation system for NATO? WgComdr Hugh Coriat. illus NATO's Fifteen Nations 25:32-34+ Feb-Mar '80

Scientific UsesSee also

Satellites, Artificial--Meteorological Applications

Satellites: The new stars. L.B. Woods. illus Def & For Aff 8, No.3:42-43+ '80

Europe, Western

Ariane--Europe's space challenge. Theo Pirard. illus Aerosp Intl 15:4-6+ Oct-Nov '79

SATELLITES, ARTIFICIAL - ContinuedRussia

Military communications satellites: A brief overview of current U.S. and Soviet systems. illus Interavia 35:351-353 Apr '80

The Soviet space program in 1979. Charles S. Sheldon II. illus tabs AF Mag 63:88-93 Mar '80

United States

Military communications satellites: A brief overview of current U.S. and Soviet systems. illus Interavia 35:351-353 Apr '80

SATELLITES, RECONNAISSANCE

Photographic satellite reconnaissance. CDR Cecil B. Jones, Jr, Ret. illus US Nav Inst Proc 106:41-51
Jun '80

SAUDI ARABIA

The American threat to Saudi Arabia. Abdul Kasim Mansur. tabs map illus Armed Forces J Intl 118: 47+ Sep '80

How the U.S. lost its footing in the shifting sands of the Persian Gulf--a case history in the Yemen Arab Republic. LtCol John J. Ruszkiewicz, Ret. map Armed Forces J Intl 118:62+ Sep '80

The Saudi Arabian construction program. LtCols Harry W. Glaze and Larry G. Garrison. illus tab map AF Engrg & Svcs Qtr 21:20-23 May '80

Tremors in world oil: The consequences of Iran. Melvin A. Conant and Charles K. Ebinger. Intl Sec Rev 5:27-42 Spring '80

Economic Conditions

Saudi Arabia: Economic developments. Richard D. Erb. tabs AEI For Plcy & Def Rev 2, No.3-4: 21-30 '80

Foreign Relations

Saudi Arabia: A political and strategic assessment. P. Lewis Young. illus map Asian Def J pt 1, No.4: 36+ Jul-Aug '80; pt 2, No.5:47-48+ Sep-Oct '80

History

Saudi Arabia: A political and strategic assessment. P. Lewis Young. illus map Asian Def J pt 1, No.4: 36+ Jul-Aug '80; pt 2, No.5:47-48+ Sep-Oct '80

Politics and Government

Saudi Arabia: A political and strategic assessment. P. Lewis Young. illus map Asian Def J pt 1, No.4: 36+ Jul-Aug '80; pt 2, No.5:47-48+ Sep-Oct '80

Saudi Arabia: Sociopolitical developments. Bayly Winder. AEI For Plcy & Def Rev 2, No.3-4:14-20 '80

Saudi Arabia: The most oil and the most hope. map Armed Forces J Intl 118:70+ Nov '80

Social Conditions

Saudi Arabia: Sociopolitical developments. Bayly Winder. AEI For Plcy & Dev Rev 2, No.3-4:14-20 '80

SCANDINAVIAStrategic Importance

The northern flank of NATO. Gen Peter Whiteley.
RUSI J for Def Studies 125:9-13 Mar '80

Scandinavia and the balance of power. Def & For Aff
8, No.9:48+ '80

SCHLESINGER, James R.

American power and the survival of the West. James
R.Schlesinger. por Parameters 10:19-25 Jun '80

James R.Schlesinger as Secretary of Defense. Doug-
las Kinnard. Nav War Col Rev 32:22-34 Nov-
Dec '79

SCHOOL OF MILITARY SCIENCES, OFFICER see
Officer Training SchoolSCHULZE, Richard C.

Are we at peace, or is this war? MajGen Richard
Schulze. MarCor Gaz 64:43-47 Apr '80

Getting the job done without getting done in by the
jobs. MajGen Richard C.Schulze. MarCor Gaz 64:
42-46 Oct '80

Obedience, the unpopular military virtue. MajGen
Richard C.Schulze. MarCor Gaz 64:49-52 Jun '80

SCIENCE

The future of American science. Philip Handler.
illus Nav War Col Rev 33:57-67 Jan-Feb '80

SCIENTIFIC RESEARCHMilitary Applications

The Soviet march toward technological superiority.
Jack Vorona. illus Defense/80, entire issue,
Mar '80

Great Britain

The Royal Signals & Radar Establishment. illus maps
Asian Def J No.2:78-79+ Mar-Apr '80

Russia

The Social Sciences Institutes of the Soviet Academy
of Sciences. William F.Scott and Harriet Fast
Scott. illus chart AF Mag 63:60-65 Mar '80

Soviet basic research for communications applica-
tions. Orville R.Harris. illus Signal 34:47-51
Jan '80

Soviet scientific/technical manpower: Much more than
a simple numbers game. Jill E.Heuer. illus tab
Govt Exec 12:34+ Apr '80

United States

The best of the fair. (USAF members help judge
school science fairs, give encouragement and
awards to the winners) Sgt Craig Pugh. illus Air-
man 24:9-13 Sep '80

The death of venture capital. D.G.Soergel. Govt Exec
12:23-24 Aug '80

The future of American science. Philip Handler.
illus Nav War Col Rev 33:57-67 Jan-Feb '80

SCIENTISTS, AMERICAN

Salute to space division. (Presentation, Air Force
Assoc National Convention, Washington, Sep 16,
1980) Robert J.Hermann. AF Plcy Ltr for Comdrs:
Sup, pp 13-15, Nov '80

Soviet scientific/technical manpower: Much more than
a simple numbers game. Jill E.Heuer. illus tab
Govt Exec 12:34+ Apr '80

SCIENTISTS, RUSSIAN

Soviet scientific/technical manpower: Much more than
a simple numbers game. Jill E.Heuer. illus tab
Govt Exec 12:34+ Apr '80

"Study, work and search ..." (Academician I. L.
Kunuyants) Col N. Yelshin. illus Soviet Mil Rev
No.6:26-37 Jun '80

SCOTT, Winfield W., Jr

Alaskan Air Command. por AF Mag 63:76-77 May '80

SEA-BASED MISSILE DEFENSE SYSTEM see Missile
DefenseSEA CADETS

Sea cadets. Regular feature in some issues of Sea
Power

SEA CONTROL

ASW--the key to sea control. Gowri S.Sundaram.
illus Intl Def Rev 13, No.3:367-376 '80

Missiles make ASW a new game. CAPT William J.
Ruhe, Ret. illus US Nav Inst Proc 106:72-75
Mar '80

1980 Soviet strategy for war at sea. William J.Ruhe.
illus Def Elect 12:43-44+ Jul '80

Ocean control: Dolphins, submarines, speed & sur-
prises. Norman L.Stone. illus Mil Elect/Counter-
measures 6:46-48+ Aug '80

Ocean control: Economics, exchange ratios and sea
control. Norman L.Stone. tabs Mil Elect/Counter-
measures 6:28+ Feb '80

Ocean control: Missile systems in the Soviet press.
Norman L.Stone. illus map Mil Elect/Counter-
measures 6:39-40+ Oct '80

Ocean control: Soviets on mine warfare--does U.S.
fleet measure up? Norman L.Stone. illus Mil
Elect/Countermeasures 6:58-60+ May '80

Ocean control: The "other" nations and alliances.
Norman L.Stone. illus tabs Mil Elect/Counter-
measures 5:26+ Dec '79

Ocean control: U.S. "hydroacoustic anti-operations."
Norman L.Stone. illus Mil Elect/Countermea-
sures 6:24-26 Jan '80

The Royal Navy 1980. Col N.L.Dodd. illus Asian
Def J No.3:114-116+ May-Jun '80

Soviet expansion and control of the sea-lanes. Mickey
Edwards. illus US Nav Inst Proc 106:46-51 Sep '80

Svalbard: Flashpoint of the far North? Thomas Ries.
illus maps Intl Def Rev 13, No.3:335-339 '80

To convoy or not to convoy. CDR William F.Mellin.
illus US Nav Inst Proc 106:48-54 Mar '80

SEA CONTROL SHIPS

FPB (Fast Patrol Boats) weapon systems. (Reprinted from Electronic Warfare/Defense Electronics, Dec 1978). illus map Asian Def J No.2:86+ Mar-Apr '80

Hydrofoils--the ideal EEZ (Extended Economic Zones) patrol craft? Brian Walters. illus Asian Def J No.3:108+ May-Jun '80

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No.2:100+ Mar-Apr '80

The M-class frigate. Capt F. de Blocq van Kuffeler, Ret. illus tab Intl Def Rev 13, No.4:504-506 '80

The Niels Juel corvette--a lesson in compact design. illus tab Intl Def Rev 13, No.4:502-503 '80

Norway's new armed coastguard vessels. Derek Wood. illus tab Intl Def Rev 13, No.8:1213-1215 '80

Role of small naval craft in Asia. Benjamin S.L. Smith. illus Asian Def J No.2:97-98 Mar-Apr '80

The Royal Thai Navy's Ratcharit-class. Enrico delle Capre. illus tabs Asian Def J No.5:83+ Sep-Oct '80

SEA POWER

ASW--the key to sea control. Gowri S.Sundaram. illus Intl Def Rev 13, No.3:367-376 '80

FPB (Fast Patrol Boats) weapon systems. (Reprinted from Electronic Warfare/Defense Electronics, Dec 1978). illus map Asian Def J No.2:86+ Mar-Apr '80

Foreword to Jane's (Fighting Ships 1980-81). Capt John Moore, Ret. illus Sea Power 23:38-40+ Sep '80

Is Mahan still valid? Thomas H. Etzold. illus US Nav Inst Proc 106:38-43 Aug '80

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No.2:100+ Mar-Apr '80

The making of a Navy. RAdm E.F.Gueritz. Islamic Def Rev 5, No.2:20-24 '80

Role of small naval craft in Asia. Benjamin S.L. Smith. illus Asian Def J No.2:97-98 Mar-Apr '80

Saettia: A 2d generation naval combatant. Stefan Geisenheyner. illus Asian Def J No.2:34-36+ Mar-Apr '80

Wreckage of nations that forgot the sea litters history. ADM Hayes says (at ROA's Mid-Winter meeting). ADM John B.Hayes. illus Officer 56:11 Apr '80

History

Mahan and Theodore Roosevelt: The assessment of influence. CDR Michael T.Corgan. Nav War Col Rev 33:89-97 Nov-Dec '80

Australia

Politics & defence: Australian military issues in the 1980's. Peter L.Young. illus Asian Def J No.1: 81-84+ Jan-Feb '80

SEA POWER - ContinuedDenmark

The Niels Juel corvette--a lesson in compact design. illus tab Intl Def Rev 13, No.4:502-503 '80

Great Britain

HMS Invincible accepted into the Royal Navy. Col Norman L.Dodd. illus Asian Def J No.3:130-131 May-Jun '80

The RAF in the 1980s. Col Norman L.Dodd. illus Asian Def J No.5:32+ Sep-Oct '80

The Royal Navy. Adm James Eberle. illus US Nav Inst Proc 106:26-31 Aug '80

The Royal Navy 1980. Col N.L.Dodd. illus Asian Def J No.3:114-116+ May-Jun '80

Muslim World

The importance of sea power for the Muslim World. Editorial. Islamic Def Rev 5, No.1:2-5 '80

NATO

Blue water at last: Missions of and NATO responses to the new Soviet aircraft carrier. CDR Miles A. Libbey III. illus Nav War Col Rev 33:44-52 Nov-Dec '80

NATO and Soviet naval design practice--eight frigates compared. Capt J.W.Kehoe and others. illus tabs Intl Def Rev 13, No.7:1003-1010 '80

Ocean control: The "other" nations and alliances. Norman L.Stone. illus tabs Mil Elect/Countermeasures 5:26+ Dec '79

A Western force for East of Suez. Frank Uhlig, Jr. Armed Forces J Intl 117:39+ Aug '80

Russia

Blue water at last: Missions of and NATO responses to the new Soviet aircraft carrier. CDR Miles A. Libbey III. illus Nav War Col Rev 33:44-52 Nov-Dec '80

NATO and Soviet naval design practice--eight frigates compared. Capt J.W.Kehoe and others. illus tabs Intl Def Rev 13, No.7:1003-1010 '80

A new trend in Soviet naval developments. Michael McCWire. illus Intl Def Rev 13, No.5:675-680 '80; Nav War Col Rev 33:3-12 Jul-Aug '80

Ocean control: Soviets on mine warfare--does U.S. fleet measure up? Norman L.Stone. illus Mil Elect/Countermeasures 6:58-60+ May '80

Power projection or influence: Soviet capabilities for the 1980s. Keith A.Dunn. illus tabs map Nav War Col Rev 33:31-47 Sep-Oct '80

The rationale for the development of Soviet seapower. Michael McCWire. illus map US Nav Inst Proc 106:154-183 May '80

Soviet expansion and control of the sea-lanes. Mickey Edwards. illus US Nav Inst Proc 106:46-51 Sep '80

Soviet seapower in light of Mahan's principles. ENS Frank C.Pandolfe. illus US Nav Inst Proc 106:44-46 Aug '80

SEA POWER - ContinuedUnited States

- A fleet for the year 2000: Future force structure. F.J. West, Jr. illus tabs US Nav Inst Proc 106: 66-81 May '80
- The future of U.S. sea power. ADM Thomas B. Hayward. (Reprinted from United States Naval Institute Proceedings, May 1979) illus Asian Def J No.5: 124-127 Sep-Oct '80
- Naval operations in the Middle East. VADM Gerald E. Miller, Ret. illus Islamic Def Rev 5, No. 1: 10-13+ '80
- Navy: Can the deeds match the words? Interview. Edward Hidalgo. illus Govt Exec 12:12+ Jan '80
- Seapower--the key to defense. Maj R.A. Beeler. illus MarCor Gaz 64:22-23 Jun '80
- The swinging debate. (General Prize Essay, 1st Honorable Mention) RADM Robert Hanks, Ret. illus US Nav Inst Proc 106:26-31 Jun '80
- The U.S. Navy in transition. Raymond T. Tate. Signal 34:33-35 Apr '80
- U.S. security interests in the South Pacific. Elliott Hurwitz. map Asian Def J No.5:129-130 Sep-Oct '80
- Why Navy wants 50% more combat muscle. Interview. ADM Thomas B. Hayward. tabs Govt Exec 12:16+ Aug '80

Warsaw Pact

- Ocean control: The "other" nations and alliances. Norman L. Stone. illus tabs Mil Elect/Counter-measures 5:26+ Dec '79

SEA WARFARE see Naval Warfare

SEALIFT

- The forklifts of August. Capt Bruce P. Schoch. illus Army 30:42-43+ May '80
- The Merchant Marine: What can we count on? Samuel B. Nemirow. illus Defense/80, pp 10-15, Oct '80
- (Rep John M.) Murphy cites sealift needs; says U.S. 'shockingly unprepared.' L. Edgar Prina. illus Sea Power 23:36-39 Feb '80

SEAPLANESHistory

- Aeromarine Airways, Inc. Albert A. LeShane, Jr. tab illus Am Avn Hist Soc J 25:162-180 Fall '80
- Lockheed Vegas in southeastern Alaska. James A. Ruotsala. illus tabs Am Avn Hist Soc J 25:2-9 Spring '80
- Osprey one of a kind. Jay Miller. illus AF Times 40:42 Jun 9 '80
- Sikorsky flying boats. Ralph B. Lightfoot. illus Am Avn Hist Soc J 24:242-261 Winter '79

SEAPLANES - ContinuedHistory - Cont'd

- United States aviation units aboard fast battleships in World War II: Changing missions in midstream. Malcolm Muir, Jr. illus Aerosp Hist 27:95-100 Jun '80

SEARCH AND RESCUESee also

- Pararescue
- Vietnamese Conflict, 1957-1975--Search and Rescue Operations
- AF in 'greatest maritime rescue.' (Ocean liner Prin-sendam) SSgt Andrew Flood. AF Times 41:4 Nov 3 '80
- Anatomy of a rig; genesis of an industry. Robert L. Scheina. Sea Power 23:23 Aug '80
- The Coast Guard and the southeastern frontier. CAPT A.R. Larzelere. illus tabs map US Nav Inst Proc 106:140-153 May '80
- Cope Thunder ... plus. Capt Michael W. Ritz. illus Air Reservist 32:18-19 Jun '80
- The day the mountain blew. (Air Force Reservists from Portland, OR, help rescue people trapped by Mount St Helen's eruption) TSgt Alan Prochoroff. illus Airman 24:2-8 Oct '80
- Deep submergence rescue vehicles. LtCol William D. Siuru, Jr. illus US Nav Inst Proc 106:104-107 Jan '80
- Emergency medicine: Now or never. CWO Dale Puckett. illus US Nav Inst Proc 106:130-131 Oct '80
- Facing the mountain's fury! Terry Eddleman. illus Air Reservist 32:6-8 Jul '80
- The good Samaritans. illus Aerosp Safety 36:20-22 Apr '80
- In the Southwest Pacific with the Army's Navy. Carl A. Norberg. illus Aerosp Hist 27:163-168 Sep '80
- Increasing the (Coast Guard) Auxiliary's SAR role. illus tab US Nav Inst Proc 106:146-147 Oct '80
- The Institute of Navigation Superior Achievement Award (presented to Capt Terry N. Mayer). illus Navigator 27:10-11 Winter '80
- The lifesavers. LCDR John F. Ebersole. illus US Nav Inst Proc 106:127-130 Oct '80
- Mission King Six One. Capt Michael W. Ritz. illus map Natl Guard 34:16-19 Mar '80
- Rescue and recovery units compete in SAREX '80. illus AF Mag 63:30 Aug '80
- Rescue--the round trip ticket. Capt Dick Mullery. illus TAC Attack 20:24-26 Apr '80
- Survival: Thinking cool. MSgt Donald R. McLaughlin. illus Aerosp Safety 36:16-19 Dec '80
- 'That others may live.' Jeryl L. Mariatt. illus Air Reservist 32:9 Jul '80

SEARCH AND RESCUE - ContinuedStudy and Teaching

Red Flag lessons learned. SrAmn Peter J. Carroll.
illus Aerosp Safety 36:16-17 May '80

SEASICKNESS see Motion Sickness

SEAT BELTS

DOD program on vehicle safety belts. TIG Brief
32:16 Feb 22 '80

The 'seatbelt habit.' TIG Brief 32:18 Feb 8 '80

Seatbelt program. TIG Brief 32:16 May 16 '80

SECURITY, INTERNATIONAL

Afghan awakening. Editorial. A.G.B. Metcalf. Strat
Rev 8:5-7 Spring '80

Energy, economics and security in alliance perspec-
tive. Robert J. Lieber. tabs Intl Sec 4:139-163
Spring '80

Energy: Economics, politics, and security. David A.
Deese. Intl Sec 4:140-153 Winter '79/'80

European security and the German problem. Chris-
toph Bertram. Intl Sec 4:105-116 Winter '79/'80

Forward-deployed naval forces: Time for a change.
Vann H. Van Diepen. illus US Nav Inst Proc 106:
57-59 Apr '80

Global threats and trans-Atlantic allies. Gregory F.
Trevorton. Intl Sec 5:142-158 Fall '80

The Japanese Self-Defense Forces, 1980--issues,
policies and technology for the coming decade.
Edward C. Ezell. illus tabs Intl Def Rev 13, No.2:
187-197 '80

New vulnerabilities for the 1980's. Sen Paul Laxalt.
Intl Sec Rev 5:261-270 Fall '80

Nuclear proliferation in the Third World--problems
and prospects for the 1980s. Theodor H. Winkler.
illus tabs Intl Def Rev 13, No.2:198-204 '80

The ramparts we watch. H.R. Kaplan. illus Sergeants
18:24-27+ Jan '80

The role of western military power in the world to-
day. Edward Heath. RUSI J for Def Studies 125:
14-20 Jun '80

Security considerations in the Persian Gulf. Hermann
F. Eilts. Intl Sec 5:79-113 Fall '80

Security risks and reactions. Les Janka. AEI For
Plcy & Def Rev 2, No.3-4:82-88 '80

Self-support for South East Asia's dominoes. maps
Intl Def Rev 13, No.4:463-465 '80

South East Asia air defence. AVM Stewart Menaul.
illus Asian Def J No.2:74-76 Mar-Apr '80

The Soviet invasion of Afghanistan. R.D.M. Furlong
and Theodor Winkler. illus map Intl Def Rev 13,
No.2:168-170 '80

SECURITY, INTERNATIONAL - Continued

Trends and challenges in the 1980s. (Presentation,
Boston University Overseas Commencement,
Heidelberg, Ger, June 8, 1980) Gen David C.
Jones. AF Plcy Ltr for Comdrs: Sup, pp 5-9,
Aug '80; Condensation. AF Times 40:19 Jul 14 '80

U.S. security interests in the South Pacific. Elliott
Hurwitz. map Asian Def J No.5:129-130 Sep-
Oct '80

The widening focus: Security problems of the eighties.
Rolf Friedemann Pauls. illus NATO's Fifteen Na-
tions 25:18-20+ Oct-Nov '80

SECURITY, MILITARYSee also

Defense Investigative Service

Compensatory measures must truly compensate. TIG
Brief 32:4 Oct 31 '80

Control of classified materiel. TIG Brief 32:6
Oct 17 '80

Hand-carrying classified material. TIG Brief 32:6
Dec 12 '80

Hand-held intrabase radios: A security hazard? TIG
Brief 32:4 Mar 21 '80

Having problems with slow personnel security inves-
tigations? TIG Brief 32:5-6 Nov 28 '80

How secure is your area? TIG Brief 32:5-6 May 30 '80

The Iran critique: Secrecy snagged rescue. Don Hirst.
AF Times 41:16 Sep 15 '80

Key control and facility security. TIG Brief 32:12
Jan 11 '80

The love-hate affair between the Pentagon and the
press. Lloyd Norman. illus Army 30:14-20
Feb '80

'Lufsseccus ytruces.' (Successful security) TIG
Brief 32:5 May 2 '80

Physical security upgrade program. TIG Brief 32:4
Oct 17 '80

The Top Secret Pack Rat Club. TIG Brief 32:4
May 2 '80

When turfs overlap: A study of organizations in colli-
sion. (U.S. Army intelligence community) MajGen
Edward B. Atkeson. illus Army 30:38-43 Nov '80

SECURITY, NATIONALSee also

Security, International

AFA policy paper: Force modernization and R&D. AF
Mag 63:71-75 Nov '80

Afghan awakening. Editorial. A.G.B. Metcalf. Strat
Rev 8:5-7 Spring '80

Ahead: A chasm of capability. R. James Woolsey and
Michael Moodie. illus map Sea Power 23:45-46+
Nov '80

SECURITY, NATIONAL - Continued

- The beleaguered arsenal: The need for a revitalized national industrial policy. John E. Ellison. illus tab Sea Power 23:25-26+ Dec '80
- The British Statement on Defence Estimates. illus tabs Asian Def J No.4:78+ Jul-Aug '80
- The challenge of the '80s. (Presentation, Fall Planning Conference, Air Force Section, Reserve Officers Assoc, Louisville, KY, Oct 27, 1979) LtGen Abbott C.Greenleaf. AF Plcy Ltr for Comdrs:Sup No.1:26-34 Jan '80
- Command and control for a long war. Paul Bracken. illus AF Mag 63:50-54 Apr '80
- Cruise missile development: The competition is fierce--everywhere. tabs illus Govt Exec 12: 22-24+ Jan '80
- The current budget battle. LtGen Ira C.Eaker, Ret. AF Times 40:19-20 Jun 9 '80
- DOD specifies what Stealth data is OK. AF Times 41: 40 Nov 17 '80
- The dangerous decade. (Presentation, Commonwealth Club Luncheon, San Francisco, Jan 18, 1980) Hans M.Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Jun '80
- Defense New Year's resolutions. LtGen Ira C.Eaker, Ret. AF Times 40:19-20 Jan 7 '80
- Departure from incrementalism in U.S. strategic planning: The origins of NSC-68. Sam Postbrief. illus Nav War Col Rev 33:34-57 Mar-Apr '80
- Energy: Economics, politics, and security. David A. Deese. Intl Sec 4:140-153 Winter '79/'80
- Hope for Reagan's mandate (restoration of U.S. military power parity with the USSR). LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 24 '80
- House panel (Armed Services Subcommittee on Investigations) calls Brown on 'leaks.' AF Times 41:12 Sep 8 '80
- Japan's security situation: An assessment. P.Lewis Young. illus tabs Asian Def J pt 1, Japan in a wider world. No.2:24-26+ Mar-Apr '80; pt 2, Changing realities in Japan, 1945-1952. No.3: 12-14+ May-Jun '80
- The love-hate affair between the Pentagon and the press. Lloyd Norman. illus Army 30:14-20 Feb '80
- Malaysian national security from the bureaucrat's eye: A preliminary analysis. Zara Dian. illus map tabs Asian Def J No.4:8-10+ Jul-Aug '80
- Military power and national security. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Aug 18 '80
- Military power, strategy, and national security. (Condensed from address, Boston Chapter, SOLE, Feb 20, 1980) RADM Henry E.Eccles, Ret. Log Spectrum 14:17-19 Summer '80
- The most critical issues now. LtGen Ira C.Eaker, Ret. AF Times 41:23-24 Nov 17 '80
- NSC 68: A reappraisal. Joseph M.Siracusa. illus Nav War Col Rev 33:4-14 Nov-Dec '80

SECURITY, NATIONAL - Continued

- NSC 68 and the Soviet threat reconsidered. John Lewis Gaddis and Paul Nitze. Intl Sec 4:164-176 Spring '80
- National security next year. LtGen Ira C.Eaker, Ret. AF Times 41:19-20 Nov 10 '80
- National unity resource of value. (Keynote address, Army Section ROA, Washington, Feb 21, 1980) Gen Edward C.Meyer. illus Officer 56:14-15 Apr '80
- Navy: Can the deeds match the words? Interview. Edward Hidalgo. illus Govt Exec 12:12+ Jan '80
- New vulnerabilities for the 1980's. Sen Paul Laxalt. Intl Sec Rev 5:261-270 Fall '80
- The 1980s--destination unknown. John L.Frisbee. AF Mag 63:8-9 Jan '80
- Organizing for national security. Philip A.Odeen. Intl Sec 5:111-129 Summer '80
- Panel (House Armed Services Committee) asks new DOD rapport. AF Times 40:4 Feb 11 '80
- A panoramic, probing look at U.S. defense needs. (Report on AFA's 34th National Convention, Washington, Sep 14-18, 1980) Edgar Ulsamer. illus AF Mag 63:50-55 Nov '80
- Paramilitary police forces: Focus on the Royal Malaysia Police. Zara Dian. illus Asian Def J No.3: 76+ May-Jun '80
- Saudi Arabia: A political and strategic assessment. P.Lewis Young. illus map Asian Def J pt 1, No.4: 36+ Jul-Aug '80; pt 2, No.5:47-48+ Sep-Oct '80
- Security to the south: U.S. interests in Latin America. Margaret Daly Hayes. Intl Sec 5:130-151 Summer '80
- Shipbuilding, the SCA (Shipbuilders Council of America), and the status quo. (Interview with Edwin M. Hood) illus Sea Power 23:25-31 Jan '80
- Standing on national interest. Gen T.R.Milton, Ret. AF Mag 63:109 Nov '80
- Status of our strength and will. (Presentation, Dining-Out, Wright-Patterson AFB, OH, Sep 13, 1980) LtGen Richard E.Merkling. AF Plcy Ltr For Comdrs: Sup, pp 16-21, Nov '80
- Strategic air power. Gen Richard H.Ellis. illus RUSI J for Def Studies 125:3-8 Mar '80
- The strategic dimensions of maritime power. Col Warren P.Baker, Ret. illus tabs Sea Power 23:20+ Nov '80
- The swinging debate. (General Prize Essay, 1st Honorable Mention) RADM Robert Hanks, Ret. illus US Nav Inst Proc 106:26-31 Jun '80
- Triple R (Rapid Runway Repair) technology ... critical to national security. James R.Van Orman and Lt Kenneth J.Knox. illus AF Engrg & Svcs Qtr 21: 29-32 Aug '80
- U.S. defense electronics: Strangled or free? Jacquelyn S.Porth. Def & For Aff 8:37-39 Nov '80
- The U.S. Marine Corps: Strategy for the future. LtCol William M.Krulak. illus US Nav Inst Proc 106:94-105 May '80

SECURITY, NATIONAL' - Continued

U.S. Military Posture. (Presentation, House Armed Services Committee, Washington, Jan 29, 1980)
Gen David C. Jones. AF Ploy Ltr for Comdrs: Sup, pp 15-23, Apr '80

Waterways: The fourth pillar of defense. Leland R. Johnson. illus Mil Engr 72:404-408 Nov-Dec '80

Why foreign policy will determine domestic tranquility in the 1980's. illus tab Govt Exec 12:14+ Dec '80

SECURITY ASSISTANCE PROGRAM

Arsenal diplomacy: Problems and prospects. Stephen P. Gibert. tabs Intl Sec Rev 5:375-406 Fall '80

SECURITY CLASSIFICATION

Challenging security classifications. TIG Brief 32:7 May 30 '80

Classified material: Personal control and observation. TIG Brief 32:4 Feb 22 '80

Declassification review procedures. TIG Brief 32:6 May 30 '80

Do you need your Original Classification Authority? TIG Brief 32:4 Mar 7 '80

Longer delays projected for security probes. AF Times 41:18 Dec 15 '80

The Top Secret Pack Rat Club. TIG Brief 32:4 May 2 '80

SECURITY POLICE see Military PoliceSEGREGATIONSee also

Blacks in the Armed Forces
Race Relations

SEIGNIOUS, George M., II

The SALT II crisis: An opportunity to limit the dangers. LtGen George M. Seignious II, Ret. por Parameters 9:2-6 Dec '79

SEMICONDUCTOR DEVICES

Can VLSI growth continue? Guest editorial. I.R. Saddler. tabs Mil Elect/Countermeasures 6:98-99 Feb '80

Defense microelectronics. Regular feature in some issues of Defense Electronics

Is DOD a competitive force in the semiconductor market? John Callahan. Armed Forces J Intl 117:48+ Jun '80

Semiconductor focus. Regular feature in issues of Defense Electronics

Sixteen bits of military power: Microprocessing with Intel's Military 8086 and 2116 dynamic RAM. illus tabs Mil Elect/Countermeasures 6:63-67 Jul '80

Unprecedented corporate commitment seen in VHSIC program. Murry Shohat. illus tabs Mil Elect/Countermeasures 6:26+ Apr '80

SEMICONDUCTOR DEVICES - Continued

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No.6:887-890 '80

What's new in silicon valley? VHSIC program/recession may help semiconductor industry quicken delivery of state-of-the-art circuits to military contractors. Ronald C. Floyd. Armed Forces J Intl 117:36+ Jun '80

SENIOR SERVICE SCHOOLS see Staff CollegesSENSORS

AFV fuel fire suppression--a three-sensor system from Gravinier. R.J.L. Dicker. illus tabs Intl Def Rev 13, No.8:1242-1244 '80

ASW--the key to sea control. Gowri S. Sundaram. illus Intl Def Rev 13, No.3:367-376 '80

An active sensor for air combat. SqLdr B.G.E. Wakling. illus Hawk No.40:21-26 Feb '80

Countersurveillance. Col J. Tuck Brown, Ret. illus tab Fld Arty J 48:44-47 May-Jun '80

(Finding an equalizer for disparity in equipment) (Key note luncheon address, AFCEA Convention, Washington, June 24, 1980) William J. Perry. illus Signal 34:13+ Aug '80

The fusion of multisensor data. Fred L. Wright. illus Signal 35:39-43 Oct '80

New missile warning sensor unveiled. Benjamin F. Schemmer. illus Armed Forces J Intl 117:50 Jun '80

Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80

REMBASS (REmotely Monitored BAttlefield Sensor System)--the U.S. Army's new battlefield sensor system. Gowri S. Sundaram. illus tabs Intl Def Rev 13, No.4:531-535 '80

The Royal Navy's Type 22 frigate. R.B. Pengelley. illus tab Intl Def Rev 13, No.1:70-74 '80

Space-age shootout. (AF SPs + MILES (Multiple Integrated Laser Engagement System) equal realistic training) Maj Anthony Lynn Batezel. illus Airmen 24:2-7 Nov '80

Staring IR sensors. Donal B. Lloyd. illus tabs Mil Elect/Countermeasures pt 1, 5:58+ Nov '79; pt 2, 5:32+ Dec '79; pt 3, 6:28+ Jan '80

Today's and tomorrow's Signaal. Robert L. Scheina. illus Armada Intl 4:124+ Mar-Apr '80

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No.6:887-890 '80

Why one's strengths are another's weaknesses in the PGM match-up. tabs Govt Exec 12:22+ Apr '80

SEPARATION FROM MILITARY SERVICE see Discharges, Releases, and SeparationsSERVICE, NATIONAL see National ServiceSERVICE SCHOOLS see Staff Colleges

SERVICE WOMEN see Women in the Armed Forces

SERVICEMEN, DISABLED

See also
Veterans, Disabled

Disability retirement. TIG Brief 32:8 Sep 26 '80

SERVICEMEN'S CLUBS

Clubs could lose booze \$\$. Andy Plattner. AF Times 40:1+ Feb 25 '80

Slots test: 270 slated for five o'seas sites. Len Famiglietti. AF Times 40:2 Apr 14 '80

SEX

AF to appeal court order to reinstate homosexual (Leonard P. Matlovich). AF Times 41:2 Sep 22 '80

EO plan gains sex abuse section. Len Famiglietti. AF Times 40:3 Mar 10 '80

Gays and the military: An emerging policy issue. William P. Snyder and Kenneth L. Nyberg. tab J Pol & Mil Sociol 8:71-84 Spring '80

(Gen) Allen takes firm issue with sexual harassment. Len Famiglietti. AF Times 40:3 Apr 21 '80

Homosexual policy (on Leonard Matlovich) still unresolved. AF Times 41:16 Dec 8 '80

Homosexuals' ruling may bear on AF case (TSgt Leonard Matlovich). Don Mace. AF Times 41:3 Nov 10 '80

Matlovich case settled, gay question isn't. Don Mace. AF Times 41:1+ Dec 8 '80

(The military has a special problem with rape) Karen McKay. AF Times pt 1, 41:39-40 Aug 11 '80; pt 2, 41:47-48 Aug 18 '80

Past sexual actions to be inadmissible (in rape cases). M. L. Craver. AF Times 40:4 Feb 25 '80

Policy bans sexual harassment. Laurie Parker. AF Times 41:3 Oct 13 '80

Policy on homosexuals being checked. AF Times 41:15 Oct 13 '80

Sex--more than an act. Steve Abbott. illus Soldiers 35:27-31 Feb '80

Sexism, law still obstacles (to full integration of women into the military). Karen McKay. AF Times 40:10 May 12 '80

Women testify: Harassed by language. AF Times 40:5 Feb 25 '80

Workers surveyed on sexual harassment. Don Mace. AF Times 40:2 Jun 16 '80

Working together: The Army's assault on sexism. SGM Bruce N. Bant. illus Soldiers 35:6-9 Oct '80

SHAPIRO, Sumner

Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. por Signal 35:9-12+ Oct '80

SHEAR, Harold E.

Allied Forces Southern Europe. Harold E. Shear. por NATO's Fifteen Nations 24:49-52 Dec '79-Jan '80

SHERIDAN, Philip H.

The savior of Shenandoah (Gen Philip Sheridan). Capt Patrick M. Howes. por Armor 89:52-55 Jul-Aug '80

SHIELDS, William L., Jr

Strategic offense and defense. (Presentation, Dept of Iowa, American Legion Convention, Sioux City, July 19, 1980) BrigGen William L. Shields. AF Plcy Ltr for Comdrs: Sup, pp 19-25, Sep '80

SHIPBUILDING

Future frigate procurement--a joint American/European proposal. R. J. L. Dicker. illus Intl Def Rev 13, No. 4:500-501 '80

Denmark

The Niels Juel corvette--a lesson in compact design. illus tab Intl Def Rev 13, No. 4:502-503 '80

Germany (Federal Republic)

German submarines--built by Thyssen West Germany's. illus Armada Intl 4:132+ Jul-Aug '80

Lürssen strengthens stake in FPB (Fast Patrol Boat) market. Intl Def Rev 13, No. 8:1216 '80

Watercraft makes first sale to Malaysian Navy. Brian Walters. illus Asian Def J No. 6:9 Nov-Dec '80

Great Britain

HMS Invincible accepted into the Royal Navy. Col Norman L. Dodd. illus Asian Def J No. 3:130-131 May-Jun '80

Role of small naval craft in Asia. Benjamin S. L. Smith. illus Asian Def J No. 2:97-98 Mar-Apr '80

Warship building by British shipbuilders. R. J. Daniel. illus RUSI J for Def Studies 125:72-75 Mar '80

Italy

CNR's Wadi-class corvette and its derivatives. R. J. L. Dicker. illus tab Intl Def Rev 13, No. 2: 235-238 '80

Genoa hosts third Italian naval exhibition (Mostra Navale 1980). illus tab Intl Def Rev 13, No. 7: 1111-1113 '80

Hydrofoils--the ideal EEZ (Extended Economic Zones) patrol craft? Brian Walters. illus Asian Def J No. 3:108+ May-Jun '80

The Italian naval industry: Trends and prospects. Ezio Bonsignore. illus NATO's Fifteen Nations 25: 95-96+ Aug-Sep '80

Italy shows off its naval technology. (3d Italian Navy Exhibition (Mostra Navale Italiana) illus Islamic Def Rev 5, No. 2:42-54 '80

Mostra Navale: Italy's naval industry cuts a bella figura and sweeps into the world export market. David Harvey. illus Def & For Aff 8, No. 5:6-8+ '80

SHIPBUILDING - ContinuedItaly - Cont'd

Mostra Navale: Italy's strategic power rests firmly on its technology base. David Harvey. illus Def & For Aff 8, No.5:10-11+ '80

Saettia: A 2d generation naval combatant. Stefan Geisenheyner. illus Asian Def J No.2:34-36+ Mar-Apr '80

Showcase for Italy's naval industry: Mostra Navale di Genova. illus Armada Intl 4:50+ Mar-Apr '80

The 3d Genoa Naval Show: A preview. Ezio Bon-signore. illus tabs NATO's Fifteen Nations 25: 67-68+ Apr-May '80

Netherlands

The M-class frigate. Capt F. de Blocq van Kuffeler, Ret. illus tab Intl Def Rev 13, No.4:504-506 '80

Norway

Norway's new armed coastguard vessels. Derek Wood. illus tab Intl Def Rev 13, No.8:1213-1215 '80

Russia

A new trend in Soviet naval developments. Michael MccGwire. illus Intl Def Rev 13, No.5:675-680 '80; Nav War Col Rev 33:3-12 Jul-Aug '80

The rationale for the development of Soviet seapower. Michael MccGwire. illus map US Nav Inst Proc 106:154-183 May '80

Singapore

Light warships for defence & EEZ (Exclusive Economic Zones) patrol. illus Asian Def J No.2:100+ Mar-Apr '80

United States

Administration slides Navy ship construction program yet again. Benjamin F.Schemmer. tab Armed Forces J Intl 118:17 Sep '80

An alternate Navy shipbuilding program. J.William Middendorf II and John J.Spittler. tabs Sea Power 23:13-18 Mar '80

Building warships in peacetime. LT James L.George, Ret. illus US Nav Inst Proc 106:66-70 Sep '80

Defense budget preview: New shipbuilding plan announced. L. Edgar Prina. illus Sea Power 23: 32-35 Jan '80

Do American shipping and shipbuilding have a future? Clinton H.Whitehurst, Jr. illus US Nav Inst Proc 106:66-71 Apr '80

FY 1980 revisited. Editorial. tabs Sea Power 23:8 Feb '80

The impact of new ship construction on the Great Lakes. LtCol Robert E.Kennington, Ret. illus map US Nav Inst Proc 106:100-103 Nov '80

An industry--and nation--in crisis. Editorial. Sea Power 23:8 Aug '80

SHIPBUILDINGUnited States - Cont'd

Maritime prepositioning: Long term solution--MPS (Maritime Prepositioning Ships). Col Eugene E. Shoults. illus tab MarCor Gaz 64:57-59 Aug '80

Navy: Can the deeds match the words? Interview. Edward Hidalgo. illus Govt Exec 12:12+ Jan '80

(Navy's hardware prospects--and problems) Interview. ADM Alfred J.Whittle, Jr. illus tabs Sea Power 23:24+ Apr '80

A new course for the U.S. Navy? Can a smaller fleet handle a bigger job? Benjamin F.Schemmer. illus tabs Armed Forces J Intl 117:30-33+ Apr '80

Planning for the Navy of the 1980s. VADM M.Staser Holcomb. illus tabs US Nav Inst Proc 106:40-45 Sep '80

The potential for foreign ownership in the U.S. maritime industry. Ernst G.Frankel. illus US Nav Inst Proc 106:36-41 Feb '80

Rock bottom = maximum number: (Rep) Tribble provides 'sneak preview' of SCN (Shipbuilding and Conversion, Navy) prospects. Col Warren P. Baker, Ret. illus Sea Power 23:27-28 Feb '80

Same number of ships but less money in new FY 1981 Navy ship buy. Benjamin F.Schemmer. tab Armed Forces J Intl 117:18+ Feb '80

Seabed mining bill (Deep Seabed Hard Minerals Act) boosts shipping, shipbuilding prospects. L. Edgar Prina. illus map Sea Power 23:16+ Sep '80

Shipbuilding, the SCA (Shipbuilders Council of America), and the status quo. (Interview with Edwin M. Hood) illus Sea Power 23:25-31 Jan '80

Tomorrow's fleet. CDR John D.Alden, Ret. illus tabs US Nav Inst Proc 106:117-126 Jan '80

The United States naval shipbuilding programmes--1979. Richard F.Cross III. illus RUSI J for Def Studies 125:78-82 Sep '80

History

1,500 miles in a floating dry dock. RADM William T.Nelson, Ret. illus US Nav Inst Proc 106:86-89 Mar '80

From bayou to beachhead: The Marines and Mr. Higgins. Maj John W.Mountcastle. illus tabs Mil Rev 60:20-29 Mar '80

The other Mississippi. Mid Michael Moore. illus US Nav Inst Proc 106:54-57 Feb '80

Statistics

Planning for the Navy of the 1980s. VADM M.Staser Holcomb. illus tabs US Nav Inst Proc 106:40-45 Sep '80

SHIPPINGNATO

To convoy or not to convoy. CDR William F.Mellin. illus US Nav Inst Proc 106:48-54 Mar '80

SHIPPING - ContinuedUnited States

- Air Force takes to sea. illus Def Trans J 36:27-29 Jun '80
- Containerization--past, present, and future. John T. Arnold. illus Log Spectrum 14:31-34 Fall '80
- Criticism of movers ignored, GAO says. AF Times 41:16 Nov 10 '80
- Do American shipping and shipbuilding have a future? Clinton H. Whitehurst, Jr. illus US Nav Inst Proc 106:66-71 Apr '80
- Flags of convenience or flags of necessity? CAPT Albert T. Church, Jr, Ret. illus US Nav Inst Proc 106:52-57 Jun '80
- Household goods carrier "tells it like it is." Rolly A. Cailles. Translog 11:5-6 May '80
- MarAd Chief discusses U.S.-flag problems, prospects, and pending legislation. Interview. Samuel B. Nemirow. illus Sea Power 23:37-44 May '80
- Missing strategic link: A strong U.S. Merchant Marine. Richard T. Ackley and Steven T. Ackley. illus tabs Strat Rev 8:51-63 Winter '80
- Omnibus maritime bill moves ahead; extended floor debate possible. L. Edgar Prina. illus Sea Power 23:20-22 May '80

Costs

- HHG: Emphasis on cost faulted (by Sen Harrison Schmitt). Len Famiglietti. AF Times 41:3 Oct 27 '80

SHIPS

See also specific types of ships, e.g.,

Icebreakers
Landing Craft
Patrol Boats
Tankers
Warships

Armament

- Air defense of the carrier task group. CAPT John E. Lacouture, Ret. illus US Nav Inst Proc 106:60-67 Jul '80
- Artillery in naval action. Capt P. Sokochnikov. illus Soviet Mil Rev No. 5:38-40 May '80
- FPB (Fast Patrol Boats) weapon systems. (Reprinted from Electronic Warfare/Defense Electronics, Dec 1978). illus map Asian Def J No. 2:86+ Mar-Apr '80
- The naval employment of the Coast Guard 270-Medium Endurance Cutter. LCDR Edmund I. Kiley. tabs Nav War Col Rev 33:13-22 Jul-Aug '80
- We lack enough naval gunfire. LtCol T. H. Harvey, Jr. illus MarCor Gaz 64:19-21 Mar '80

Design

- Building warships in peacetime. LT James L. George, Ret. illus US Nav Inst Proc 106:66-70 Sep '80

SHIPS - ContinuedDesign - Cont'd

- Second Mk 9 corvette for Nigeria. illus tab Intl Def Rev 13, No. 5:690 '80

Emergency Procedures

- Ship's (emergency) exercises. Capt M. Mikhailov. illus Soviet Mil Rev No. 4:29-30 Apr '80

Fires and Fire Prevention

- AF in 'greatest maritime rescue.' (Ocean liner Prinsendam) SSgt Andrew Flood. AF Times 41:4 Nov 3 '80

Loading and Unloading

- Boston Reserve unit scores success (in Emergency Deployment Readiness Exercise (EDRE)). Frank K. Costa. illus Translog 11:10-13 Jul '80
- Dangerous cargo, defused duty: The Navy is not explosive on the USS Santa Barbara. Fred Reed. illus AF Times, Times Magazine sup:6-10 May 5 '80
- MTMCTEA (MTMC Transportation Engineering Agency) helicopter positioning device. illus Translog 11:15-16 Nov '80
- RORO (Roll-On Roll-Off) Pacific. CWO Lynn D. Riley. illus Translog 11:20 Dec '80

Maintenance and Repair

- Let's get our training act together. CDR John D. Roper. illus US Nav Inst Proc 106:99-101 Jun '80

Mothballing

See National Defense Reserve Fleet

Russia

- First Soviet nuclear-powered cruiser and new guided missile destroyer at sea. Benjamin F. Schemmer. illus Armed Forces J Intl 118:24+ Nov '80
- High-speed ocean vehicles. James D. Hessman. illus Sea Power 23:25-26+ Sep '80
- A Soviet Navy for the nuclear age. CDR Steve F. Kime. illus Parameters 10:58-70 Mar '80
- Tactical employment of Soviet FPBs. Milan N. Vego. illus US Nav Inst Proc pt 1, 106:95-98 Jun '80; pt 2, 106:106-111 Jul '80

United States

- High-speed ocean vehicles. James D. Hessman. illus Sea Power 23:25-26+ Sep '80
- House panel (Seapower Subcommittee) adds two ships, \$2.2 billion, to '81 SCN. L. Edgar Prina. illus Sea Power 23:58-60 Apr '80
- The lifesavers. LCDR John F. Ebersole. illus US Nav Inst Proc 106:127-130 Oct '80
- MarAd Chief discusses U.S.-flag problems, prospects, and pending legislation. Interview. Samuel B. Nemirow. illus Sea Power 23:37-44 May '80

SHIPS - ContinuedUnited States - Cont'd

Navy asks OSD support to re-activate four Iowa-class battleships. illus Armed Forces J Intl 117:48 Apr '80

New evidence shows Israel's attack on USS Liberty far more vicious than thought. Armed Forces J Intl 117:18+ Jan '80

Same number of ships but less money in new FY 1981 Navy ship buy. Benjamin F.Schemmer. tab Armed Forces J Intl 117:18+ Feb '80

Sea services. Regular feature in issues of National Defense

Surface fleet takes precedence in new five-year program. L.Edgar Prina. illus Sea Power 23:29-32 Mar '80

Technology, ASW, and the Coast Guard. LCDR Bruce B.Stubbs and LT Richard R.Kelly. illus US Nav Inst Proc 106:29-35 Oct '80

Tomorrow's fleet. CDR John D.Alden, Ret. illus tabs US Nav Inst Proc 106:117-126 Jan '80

The United States naval shipbuilding programmes-- 1979. Richard F.Cross III. illus RUSI J for Def Studies 125:78-82 Sep '80

Worn out in service. LCDR Michael R.Adams. illus US Nav Inst Proc 106:74-78 Oct '80

Statistics

A new course for the U.S. Navy? Can a smaller fleet handle a bigger job? Benjamin F.Schemmer. illus tabs Armed Forces J Intl 117:30-33+ Apr '80

SHIPS, AUXILIARY see Auxiliary Ships

SHIPS, CARGO see Ships, Transport

SHIPS, CONTAINER see Ships, Transport

SHIPS, NUCLEAR POWERED

See also

Aircraft Carriers, Nuclear Powered
Submarines, Nuclear Powered

Russia

First Soviet nuclear-powered cruiser and new guided missile destroyer at sea. Benjamin F.Schemmer. illus Armed Forces J Intl 118:24+ Nov '80

Soviets take lead in surface nukes. L.Edgar Prina. Sea Power 23:39-40 Jul '80

SHIPS, TRANSPORT

Flags of convenience or flags of necessity? CAPT Albert T.Church, Jr, Ret. illus US Nav Inst Proc 106:52-57 Jun '80

SHIPS, TRANSPORT - ContinuedUnited States

Dangerous cargo, defused duty: The Navy is not explosive on the USS Santa Barbara. Fred Reed. illus AF Times, Times Magazine sup:6-10 May 5 '80

A good new idea. CAPT Gerald G.O'Rourke, Ret. illus US Nav Inst Proc 106:42-47 Mar '80

MSC charters ships. illus Translog 11:14-15 May '80

The Merchant Marine: What can we count on? Samuel B.Nemirow. illus Defense/80, pp 10-15, Oct '80

Navy completes first flight tests on Arapaho--sea trials scheduled 'later this year.' James J.Mulquin. illus Sea Power 23:31-33 Nov '80

1980 realities chart course for U.S. Merchant Marine. Charles I.Hiltzheimer. illus Def Trans J 36: 14-20 Jun '80

Phase II for Arapaho. James D.Hessman. illus Sea Power 23:38 Aug '80

RORO (Roll-On Roll-Off) Pacific. CWO Lynn D.Riley. illus Translog 11:20 Dec '80

SHIPYARDS see Shipbuilding

SHOEMAKER, Robert M.

The changeover to 'go to war' management. Gen Robert M.Shoemaker. por Army 30:28-32 Oct '80

SHORE PATROL see Military Police

SHORT TAKEOFF AND LANDING see Airplanes, V/STOL

SIGHT

See also

Eyes

Eyes for the Navy? CDR Harold M.Olson. illus US Nav Inst Proc 106:113-115 Jul '80

Night vision devices. illus Mil Rev 60:84-85 Jan '80

SIGNALS AND SIGNALING

Communication and troop control. (Interview with Marshal of the Signal Corps A.I.Belov) illus Soviet Mil Rev No.4:22-25 Apr '80

SILVER

Base silver recovery program. TIG Brief 32:13 Nov 14 '80

SIMULATION METHODS

The Army's counterattack on training costs. LtCol Jerome A.Pogorzelski. illus Def Mgt J 16:14-17 Fourth Quarter '80

SIMULATION METHODS - Continued

Better training for higher performance. illus Asian Def J No.2:46-48 Mar-Apr '80

Bioman--an improved occupant-crew station compliance modeling system. Georg D.Frisch and Louis A.D'Aulerio. illus Aviation, Space & Envmt Med 51:160-167 Feb '80

Blue/gold aircrew operations. LtCol Walter M.Patterson III. illus tabs Airlift Ops Rev 2:15-21 Jan-Mar '80

CCAMS (Computer-Controlled Antenna Measurement System) provides major improvement to B-52 ECM system simulation test facility. William L.Janning. illus Def Elect 12:69-70+ Oct '80

Can we teach judgement? C.B.Stoddard. illus TAC Attack 20:12-14 Nov '80

Computer simulates air-to-ground missile strikes. Marilyn Hicks. illus Def Elect 12:30+ Nov '80

DFWES (Direct Fire Weapons Effects Simulation)--a new heliborne anti-tank simulation system. illus Intl Def Rev 13, No.2:257-258 '80

The effects of simulated Infantry combat training on motivation and satisfaction. Paul R.Bleda and Robert H.Sulzen. tabs Armed Forces & Soc 6:202-214 Winter '80

Games soldiers play. Maj James A.Probsdorfer. illus Armor 89:27-29 Mar-Apr '80

The great pretenders: Simulators and training devices in today's defense environment. Christopher R.Gadomski. illus Sea Power 23:38-40+ Dec '80

Integrated simulation. Russel M.Vorce and CPO Frank N.Griffith. illus US Nav Inst Proc 106: 109-110 Nov '80

MILES (Multiple Integrated Laser Engagement Simulation System): Realistic training for direct support artillery. Col Earl S.Stein, Ret and others. illus tabs Fld Arty J 48:44-47 Sep-Oct '80

NTC (National Training Center) live fire: One step closer to battlefield realism. Maj Randolph W. House. illus tabs Mil Rev 60:68-72 Mar '80

The real, simulated thing: New concepts in training with CTA (Companion Trainer Aircraft). David Harvey. illus Def & For Aff 8, No.7:7-9+ '80

The TACTS (Tactical Aircrew Combat Training System)/ACMI (Air Combat Maneuvering Instrumentation) microcosm. Phillip R.Craven. illus Sea Power 23:41-42 Dec '80

TASVAL. (Joint Army-Air Force-Marine Corps test of tactical air power) LtCol Lowell C.La Rue. illus Air Def Mag, pp 26-29, Jan-Mar '80

TV Ordnance Scoring System. Capt Bob O'Dell. illus tab USAF Ftr Wpns Rev, pp 21-27, Summer '80

Tactical training for ground combat forces. Thomas D.Scott. Armed Forces & Soc 6:215-231 Winter '80

Taking the guesswork out of training. (MAFIS, Mobile Automated Field Instrumentation System) SSgt Adolph C.Mallory. illus Army 30:45-46+ Aug '80

SIMULATION METHODS - Continued

Visual simulation in Navy training. A.Michael Spooner and others. illus Def Mgt J 16:26-32 Fourth Quarter '80

SIMULATORS

See also

Flight Simulators

Submarine Simulators

AFCC promoting realistic controlling. TSgt John Zeigler. AF Times 41:23 Dec 29 '80

The Army's counterattack on training costs. LtCol Jerome A.Pogorzelski. illus Def Mgt J 16:14-17 Fourth Quarter '80

Coordination in direct support--problems and solutions. illus Signal 34:29-32 Jul '80

Firefinder simulator--a new era in training. WO Thomas Curran and Raymond O.Waldkoetter. illus Fld Arty J 48:15-17 Nov-Dec '80

The great pretenders: Simulators and training devices in today's defense environment. Christopher R.Gadomski. illus Sea Power 23:38-40+ Dec '80

The instrumented battlefield. Kenneth G.Richards. illus Infantry 70:33-35 Mar-Apr '80

Military simulators--total training. John Rhea. illus Natl Def 64:32-35+ Feb '80

One 'ship' that doesn't leave her pier. (Surface Warfare Environmental Trainer, Shipboard Simulator) Capt Roy B.Moody, Jr. illus Officer 56:11-12 Oct '80

An overview of training-systems development. Allen Collier. illus Def Mgt J 16:2-5 Fourth Quarter '80

RAF orders new EW engagement simulator. illus Def Elect 12:27 Dec '80

Saab BT 33 artillery fire control simulator. illus Armada Intl 4:56+ Jan-Feb '80

Simfire: Tank gunnery and tactical simulation. Michael W.Wilson. illus Natl Def 64:28-31 Feb '80

The TACTS (Tactical Aircrew Combat Training System)/ACMI (Air Combat Maneuvering Instrumentation) microcosm. Phillip R.Craven. illus Sea Power 23:41-42 Dec '80

Training devices for the Army. Ronald C.Hofer. illus tab Natl Def 64:24-27+ Feb '80

SKANTZE, Lawrence A.

How ASD is meeting the needs of the nineties. LtGen Lawrence A.Skantze. illus chart AF Mag 63:37-43 Oct '80

SKI TROOPS

Cold: Friend or foe. (Marines in Norway) RADM Ben Eiseman, Ret and LtCol Carl F.Tidemann. illus tabs MarCor Gaz 64:39-44 Feb '80

SLAY, Alton D.

Air Force Systems Command. por AF Mag 63:72-73 May '80

SLAY, Alton D. - Continued

Computers in manufacturing: Meeting the productivity challenge. Gen Alton D.Slay. por AF Mag 63:54-55+ Jul '80

Contracting in Air Force Systems Command--finding a better way. Gen Alton D.Slay. Signal 34:7-9 Jul '80

Contracting practices: Pushing hard for improvements. Editorial. Gen Alton D.Slay. Mil Elect/Countermeasures 6:23 Jan '80

"The difficulty arises when a particular technology matures two years after we need it." Interview. Gen Alton D.Slay. por Armed Forces J Intl 117:40-42+ Jan '80

Facing up to change. (Presentation, Antelope Valley Board of Trade, Lancaster, CA, Aug 22, 1980) Gen Alton D.Slay. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Oct '80

(Gen) Slay: Fighter needs in a crunch. Len Famiglietti. AF Times 40:44 Jun 16 '80

Gen Slay to retire Feb 1 (to be replaced by LtGen Robert T. Marsh). AF Times 41:2 Dec 15 '80

(Gen) Slay's initiatives: Alive, well and saving money. Deborah G.Meyer. por Armed Forces J Intl 117:16+ Jul '80

'Making valuable contributions.' Gen Alton D.Slay. por Air Reservist 32:10-11 Dec '79-Jan '80

Our shrinking industrial base. (Presentation, Military Order of the Carabao Luncheon, Army and Navy Club, Washington, April 22, 1980) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jul '80

Slay: 'We are a nation ... of scientific illiterates.' John Ginovsky. AF Times 41:1+ Dec 22 '80

Standardization: A Systems Command perspective. Gen Alton D.Slay. por Mil Elect/Countermeasures 6:90-93 Sep '80

Traditions of duty. Gen Alton D.Slay. TIG Brief 32:1-2 Jun 13 '80

Why foreign policy will determine domestic tranquility in the 1980's. Govt Exec 12:14+ Dec '80

SLEDS, ROCKET see Rocket Sleds

SLOT MACHINES see Gambling

SMALL, Harold I.

The Transportation Center. MajGen Harold I.Small. por USA Avn Dig 26:2-5+ Oct '80

SMALL ARMS

See also

Pistols
Rifles

Cheap, small, effective small arms AA Sight. Emile Pettecks-Snyder. illus Asian Def J No.5:137-138 Sep-Oct '80

SMALL ARMS - Continued

The combat shotgun. Maj David E.Baskett and James B.Ackley. illus Infantry 70:32-34 Jan-Feb '80

The military sidearm. Lt Richard C.Farnsworth. illus tab Infantry 70:31-33 Nov-Dec '80

Military socialization, childhood socialization, and current situation: Veterans' firearms ownership. Alan J.Lizotte and David J.Bordua. tab J Pol & Mil Sociol 8:243-256 Fall '80

On the firing line. Regular feature in issues of National Defense

The 'other threat' to Air Force small arms. TIG Brief 32:3 Aug 8 '80

Revolution in individual firearms--from 7.62 to 5.56. illus Armada Intl 4:62+ Jul-Aug '80

Small arms: Beginning the change. David Harvey. illus Def & For Aff 8, No.1:12-18 '80

Small arms proliferation: The quiet factories; the growing market. illus Def & For Aff 8, No.1:35 '80

Volatile small arms & helicopters do not mix. Capt E.Gary Campbell. illus USA Avn Dig 26:26-30 Aug '80

Study and Teaching

Rifleman training systems--preparing the infantryman to fight. Edward C.Ezell, illus tabs Intl Def Rev 13, No.5:707-711 '80

Weapons training: More than marksmanship practice. tab TIG Brief 32:9 Feb 8 '80

SMALL BUSINESS

The nation's governors: In courteous revolt against Washington's ineptness in foreign trade details. illus Govt Exec 12:12+ Apr '80

Opportunity and catastrophe: How government looks to NMA (National Micrographics Assoc). C.W. Borklund. illus Govt Exec 12:14+ May '80

Small business contracting coalition: Why they're against government hurting itself. illus Govt Exec 12:20-21 May '80

SMITH, William Y.

Reinforcing NATO--rapidly. (From remarks to the National Strategic Mobility Conference, Washington, May 28, 1980) Gen W.Y.Smith. por Defense/80, pp 2-7, Aug '80

SMOKE

Countersurveillance. Col J.Tuck Brown, Ret. illus tab Fld Arty J 48:44-47 May-Jun '80

Smoke detectors. TIG Brief 32:15 Jun 27 '80

SMOKING

Pulmonary and symptom threshold effects of ozone in airline passenger and cockpit crew surrogates. Michael T.Lategola and others. tabs Aviation, Space & Envmt Med 51:878-884 Sep '80

SMOKING - Continued

Smoking and the occupational environment. TIG Brief 32:14 Feb 8 '80

SMUGGLING see Customs ServiceSNODGRASS, Charles W.

A ride in every type. Interview. Charles W. Snodgrass. AF Times 41:8 Sep 15 '80

SNOW, Donald M.

The MX-basing mode muddle--issues and alternatives. Donald M. Snow. AU Rev 31:11-25 Jul-Aug '80

SNOW REMOVAL

Preplanning for snow removal. TIG Brief 32:11 Aug 29 '80

The season to be helpful: The Guard pitches in! (1979 winter storms in Colorado and Wyoming) illus Natl Guard 34:6-9 Jan-Feb '80

Snow and ice on the runway. TIG Brief 32:18 Feb 8 '80

SOCIAL CHANGE

Cultural dependency of the Muslim World. Zehra Onder. illus Islamic Def Rev 5, No. 3:20-24 '80

Government funded activism. H. Peter Metzger. Govt Exec pt 1, Mindless destruction of U.S. society is the theme. 12:38+ May '80; pt 2, If it is "consumerism," the end justifies the means in government. 12:50+ Jun '80

Living and family patterns in the Air Force. Ch(MajGen) Richard Carr and others. illus AU Rev 31:75-86 Jan-Feb '80

The military as society's keeper: Does responsibility go beyond defense? LtCol David E.K. Cooper. illus Army 30:34-38 Jun '80

SOCIAL PROBLEMS AND THE MILITARY

Alienation, anomie, and combat effectiveness. Maj Daniel W. Jacobowitz. illus AU Rev 31:21-34 Sep-Oct '80

The changing military family: Impacts on readiness. Cecile S. Landrum. illus Parameters 10:78-85 Sep '80

The educational and military experience of young men during the Vietnam era: Non-linear effects of parental social class. Michael Useem. tabs J Pol & Mil Sociol 8:15-29 Spring '80

Gays and the military: An emerging policy issue. William P. Snyder and Kenneth L. Nyberg. tab J Pol & Mil Sociol 8:71-84 Spring '80

Mastering the military mid-life transition. Maj Bruce T. Caine. illus tabs Parameters 10:70-77 Sep '80

The military as society's keeper: Does responsibility go beyond defense? LtCol David E.K. Cooper. illus Army 30:34-38 Jun '80

SOCIAL PROBLEMS AND THE MILITARY - Continued

Providing medical social work services: A professional responsibility and requirement! TIG Brief 32:14 Mar 21 '80

SOCIAL SCIENCES

The Social Sciences Institutes of the Soviet Academy of Sciences. William F. Scott and Harriet Fast Scott. illus chart AF Mag 63:60-65 Mar '80

SOCIAL SECURITY

Let employees pay into SS. Joseph W. Bartlett. AF Times 40:23 Apr 14 '80

Social security for (Soviet) Servicemen. Lt-Col V. Amelchenko. Soviet Mil Rev No. 4:46-47 Apr '80

Understanding your Social Security. Sergeants 18:36-37 Jan '80

SOCIALIST REPUBLIC OF VIETNAM see Vietnam (Socialist Republic)SOCIETY OF AMERICAN MILITARY ENGINEERS

60th Annual Meeting (Chicago, April 23-30, 1980). illus tab Mil Engr 72:270-280 Jul-Aug '80

Directories

Directory, the Society of American Military Engineers. Mil Engr 72:57-64 Jan-Feb '80

SOCIETY OF LOGISTICS ENGINEERS

The Annals of the Society of Logistics Engineers. Regular feature in some issues of Logistics Spectrum

A challenge for the logistics profession. (Address, Dayton Chapter, SOLE, Dec 6, 1979) MajGen G.E. Cooke. Log Spectrum 14:19-21 Summer '80

Logistics education symposia. Richard Lancioni. tab illus Log Spectrum 14:22-24 Fall '80

SOLE's certification program. Benjamin S. Blanchard. illus tabs Log Spectrum pt 1, 14:7-11 Fall '80

SOLAR ENERGY

The global radio solar telescope network. Robert Seitz and H. Ewen. illus Signal 34:53-56 Jan '80

Solar energy for MX? AF Times 40:24 Mar 24 '80

Solar power for MX? Armed Forces J Intl 117:8+ Jan '80

A Texas town (Crosbyton) goes solar--and succeeds. George E. Haddaway. illus Govt Exec 12:38-40 Nov '80

3 commands will get (solar) energy data. AF Times 41:45 Aug 11 '80

SOLDIERS

Man against armor. BrigGen S.L.A. Marshall. illus Armor 89:30-36 Jan-Feb '80

SOLDIERS - ContinuedRussia

The life of a Soviet soldier. Steve Abbott. illus tab
Soldiers 35:6-10 Jul '80

The Soviet Army: Who gives the orders? Steve Abbott. illus Soldiers 35:26-27 Oct '80

Soviet combat operations in World War II: Lessons for today? Col Graham D. Vernon, Ret. illus Mil Rev pt 1, 60:30-40 Mar '80; pt 2, 60:42-50 Apr '80

United States

Barracks life and the single soldier. Steve Abbott. illus Soldiers 35:6-12 Jan '80

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

First-class Army... 4th class living conditions. Interview. LtGen Julius W. Becton, Jr. illus Army 30:22-26 Nov '80

The first commandment of leadership: Love thy soldier. Col Richard J. Kattar. illus Mil Rev 60:65-68 Jul '80

The first ten days. Capt Gardner M. Nason. illus Soldiers 35:28-31 Sep '80

Freedom and the soldier. Alistair Cooke. illus Parameters 10:2-7 Sep '80

Managing soldiers: A personal philosophy of management. LtCol Joel E. L. Roberts. illus tab Mil Rev 60:44-50 Jul '80

OPMD-EPMD Armor. Regular feature in issues of Armor

Reality-ritual=retention: The enlisted equation. Maj Thomas J. Pickering. illus Mil Rev 60:2-9 Dec '80

Soldier expectations. Capt Gardner M. Nason. illus Soldiers 35:11-13 Jun '80

History

The Blue, the Gray and the Green. (Irish-American military units during the Civil War) Benjamin N. Brown. illus Army 30:34-35+ Mar '80

SOLDIERS' AND SAILORS' CIVIL RELIEF ACT

'40 Civil Relief Act: Powerful ally. AF Times 40:13 Jun 23 '80

SOLDIERS' HOME

A place for living. (U.S. Soldiers' and Airmen's Home, Washington) illus Airman 24:20-23 Jun '80

SONAR

ASW--the key to sea control. Gowri S. Sundaram. illus Intl Def Rev 13, No. 3:367-376 '80

Countermeasures against sea mine threats show European lead. Stefan Geisenheyner. illus tab Def Elect 12:43-44+ Apr '80

SONAR - Continued

MATASS: A Moored Airship Towed Array Sonar System. CAPT Franklin D. Buckley, Ret. illus tab US Nav Inst Proc 106:124-127 Mar '80

New solutions emerge to solve old sonar problems. George Rand. illus Def Elect 12:17-20 Oct '80

Ocean control: U.S. "hydroacoustic anti-operations." Norman L. Stone. illus Mil Elect/Countermeasures 6:24-26 Jan '80

SOSUS (Sound Surveillance System) and U.S. ASW tactics. Norman Friedman. map US Nav Inst Proc 106:120-123 Mar '80

SONIC BARRIER

The fastest man on land. (Stan Barrett, first man to break the sound barrier on land) MSgt David B. Drachlis. illus Airman 24:24-30 Jun '80

SONIC BOOM

The birds & the booms. Lewis Shotton. illus AF Engrg & Svcs Qtr 21:11-12 Nov '80

Return of the American SST. Walter B. Hendrickson, Jr. illus tab Natl Def 65:32-33 Dec '80

SOUND

Distortion and adaptation in underwater sound localization. M. J. Wells and Helen E. Ross. illus tabs Aviation, Space & Envtmt Med 51:767-774 Aug '80

SOUSA, John P.

John Philip Sousa--100th anniversary. Capt Jeb Bennett. por MarCor Gaz 64:31-34 Oct '80

SOUTH AFRICA (REPUBLIC)

The South African Defence Force. Col Norman L. Dodd, Ret. illus RUSI J for Def Studies 125:39-43 Mar '80

South African strategy: The strategy of an international pariah. Patrick J. Garrity. illus Nav War Col Rev 33:23-30 Sep-Oct '80

U.S. policy on South Africa: "Absurd ... and dangerous." C. W. Borklund. illus Govt Exec 12:46+ Jul '80

Foreign Policy

South African strategy: The strategy of an international pariah. Patrick J. Garrity. illus Nav War Col Rev 33:23-30 Sep-Oct '80

Strategic Importance

South Africa's strategic importance: A re-assessment. Christopher Coker. RUSI J for Def Studies 124:22-26 Dec '79

SOUTH AMERICAPolitics and Government

The military withdrawal from power in South America. Martin C. Needler. Armed Forces & Soc 6:614-624 Summer '80

SOUTHERN COMMAND

Alaskans take the heat. illus Natl Guard 34:36-37
Jul '80

Black Fury. (Joint training exercise in Panama to test
Southern Command's ability to defend the Panama
Canal) TSgt Tim Zane. illus Air Reservist 32:
12-13 May '80

SOVIET UNION see Russia

SPACECommercial Applications

Large structures in space: A new engineering chal-
lenge. Thomas Hagler. illus Mil Engr 72:318-322
Sep-Oct '80

International Aspects

AFA: Go slow on Soviet space treaty. Len Famiglietti.
AF Times 41:41 Oct 6 '80

Military ApplicationsSee also

Space Warfare

AF must go deeper in space. Hans M. Mark. AF
Times 40:38 Mar 3 '80

The Air Force in space. (Presentation, Dunedin and
Tampa Air Force Assoc Chapters, Dunedin, FL,
Feb 28, 1980) MajGen William R. Yost. AF Plcy
Ltr for Comdrs: Sup, pp 16-22, Jun '80

Command, control and communications in the future.
(Presentation, 16th Annual Meeting, American
Institute of Aeronautics and Astronautics, Balti-
more, May 7, 1980) LtGen Robert T. Marsh. AF
Plcy Ltr for Comdrs: Sup, pp 30-40, Aug '80

Making use of space hardware. (Presentation, Bever-
ly Hills Rotary Club, Beverly Hills, CA, Aug 18,
1980) LtGen Richard C. Henry. AF Plcy Ltr for
Comdrs: Sup, pp 28-32, Oct '80

Military space maneuvers in the '80s. Deborah M.
Kyle and others. illus Armed Forces J Intl 117:
36-38+ Jul '80

National space policy and aerospace doctrine. (Pre-
sentation, National Space Club, Washington,
Oct 24, 1979) MajGen William R. Yost. AF Plcy
Ltr for Comdrs: Sup No. 1:7-16 Jan '80

\$100M space center to be built in FY '82. Len Fa-
miglietti. AF Times 40:2 Jan 7 '80

Scientific ApplicationsSee also

Satellites, Artificial--Scientific Uses

SPACE COMMUNICATIONSSee also

Satellites, Artificial--Communication Applications

Military space communications systems--has tech-
nology outpaced the user? LtGen Richard C. Henry.
illus NATO's Fifteen Nations 24:18+ Dec '79-
Jan '80

SPACE COMMUNICATIONS - Continued

Space shuttle radios being tested by RCA. Signal
34:100 Feb '80

Space talk. SP5 Bill Branley. illus Soldiers 35:18-22
Dec '80

SPACE CREWSSee also

Astronauts

SPACE DEFENSE OPERATIONS CENTER

Antisatellite missile flight test nears. illus Def Elect
12:22+ Dec '80

SPACE DEFENSES

AF must go deeper in space. Hans M. Mark. AF
Times 40:38 Mar 3 '80

Dawn of a new strategic era? Edgar Ulsamer. AF
Mag 63:49-54 May '80

A more liberal, avant garde R&D program. Edgar
Ulsamer. illus AF Mag 63:42-47 Jun '80

SPACE ENVIRONMENT

Large structures in space: A new engineering chal-
lenge. Thomas Hagler. illus Mil Engr 72:318-322
Sep-Oct '80

SPACE FEEDING

Shuttle treats coming up. illus AF Times 40:32
Mar 10 '80

Space flight diet. (Interview with I. Popov) Soviet Mil
Rev No. 6:38-39 Jun '80

SPACE FLIGHTSee also

Space Vehicles

Missiles and astronautics. Regular feature in some
issues of National Defense

Commercial Applications

See Space--Commercial Applications

International Aspects

See Space--International Aspects

Manned Flights, American

See also specific projects by name, e.g.,
Space Project--Skylab

Manned Flights, Russian

Man in open space. (Interview with Lt-Col Alexei
Leonov) illus Soviet Mil Rev No. 3:14-17 Mar '80

Physiological AspectsSee also

Weightlessness

Long-term follow-up of Skylab bone demineralization.
Frederick E. Tilton and others. illus tabs Aviation,
Space & Envmt Med 51:1209-1213 Nov '80

SPACE FLIGHT - ContinuedPhysiological Aspects - Cont'd

Retinal changes in rats flown on Cosmos 936: A cosmic ray experiment. Delbert E. Philpott and others. illus Aviation, Space & Envmt Med 51:556-562 Jun '80

Space motion sickness: Skylab revisited. Ashton Graybiel. illus tabs Aviation, Space & Envmt Med 51:814-822 Aug '80

SPACE INDUSTRY AND TRADE see Aerospace Industry and Trade

SPACE LABORATORIES see Space Stations

SPACE MEDICINESee also

Space Flight--Physiological Aspects

Dr Sam. Regular feature in some issues of TAC Attack

SPACE NAVIGATIONSee also

Satellites, Artificial--Navigation Applications

SPACE PHOTOGRAPHY see Photography, Space

SPACE POLICYRussia

The Soviet space program in 1979. Charles S. Sheldon II. illus tabs AF Mag 63:88-93 Mar '80

United States

Air Force priorities. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Nov '80

The national space policy. (Presentation, Subcommittee on Space Science and Applications of the House Committee on Science and Technology, Washington, July 24, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Sep '80

National space policy and aerospace doctrine. (Presentation, National Space Club, Washington, Oct 24, 1979) MajGen William R. Yost. AF Plcy Ltr for Comdrs: Sup No. 1:7-16 Jan '80

Old problems, new solutions surfacing in space programs. Interview. LtGen Richard C. Henry. illus Def Elect 12:55-58 Dec '80

The shuttle and the second great era in space. BrigGen Robert A. Rosenberg and LtCol Wayne L. O'Hern, Jr. illus Defense/80, pp 12-19, May '80

Space policy and its implications on shuttle. (Paper presented at 1979 Annual Meeting, American Astronautical Society, Los Angeles, Oct 29-Nov 1) BrigGen Robert A. Rosenberg and LtCol Wayne L. O'Hern, Jr. AF Plcy Ltr for Comdrs: Sup No. 1: 17-25 Jan '80

SPACE POLICY - ContinuedUnited States - Cont'd

A space policy for the 1980s--and beyond. Cecil Heftel. illus AU Rev 32:2-16 Nov-Dec '80

SPACE PROGRAMS

Aerospace world. Regular feature in issues of Air Force Magazine

Cinderella spacecraft: Deep-space probes face funding starvation, despite brilliant achievements in 1979. Chris Bulloch. illus Interavia 35:231-234 Mar '80

The world of aerospace. Regular feature in issues of Interavia

Europe, Western

Ariane--Europe's space challenge. Theo Pirard. illus Aerosp Intl 15:4-6+ Oct-Nov '79

Ariane: Third time lucky. illus Interavia 35:116-117 Feb '80

Creation of Arianespace, the world's first space transportation company. tab Interavia 35:401 May '80

European communities related to space programmes. Theo Pirard. illus Aerosp Intl 16:57-60 Mar-Apr '80

Germany (Federal Republic)

West German space programs. illus tab Interavia 35: 311-312 Apr '80

India

India's space program: Across the board on a shoe-string. H.P. Mama. illus map Interavia 35:60-62 Jan '80

Russia

The Soviet space program in 1979. Charles S. Sheldon II. illus tabs AF Mag 63:88-93 Mar '80

The Soviet space shuttle program. LtCol Carl A. Forbrich, Jr. AU Rev 31:55-62 May-Jun '80

United States

Old problems, new solutions surfacing in space programs. Interview. LtGen Richard C. Henry. illus Def Elect 12:55-58 Dec '80

United States--Air Force

Making use of space hardware. (Presentation, Beverly Hills Rotary Club, Beverly Hills, CA, Aug 18, 1980) LtGen Richard C. Henry. AF Plcy Ltr for Comdrs: Sup, pp 28-32, Oct '80

A more liberal, avant garde R&D program. Edgar Ulsamer. illus AF Mag 63:42-47 Jun '80

The national space policy. (Presentation, Subcommittee on Space Science and Applications of the House Committee on Science and Technology, Washington, July 24, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Sep '80

SPACE PROGRAMS - ContinuedUnited States--Air Force - Cont'd

Salute to space division. (Presentation, Air Force Assoc National Convention, Washington, Sep 16, 1980) Robert J. Hermann. AF Plcy Ltr for Comdrs: Sup, pp 13-15, Nov '80

United States--National Aeronautics and Space Administration

March (1981) still lift-off date for U.S. space shuttle. AF Times 41:26 Aug 18 '80

The shuttle and the second great era in space. BrigGen Robert A. Rosenberg and LtCol Wayne L. O'Hern, Jr. illus Defense/80, pp 12-19, May '80

Space policy and its implications on shuttle. (Paper presented at 1979 Annual Meeting, American Astronautical Society, Los Angeles, Oct 29-Nov 1) BrigGen Robert A. Rosenberg and LtCol Wayne L. O'Hern, Jr. AF Plcy Ltr for Comdrs: Sup No. 1: 17-25 Jan '80

A space policy for the 1980s--and beyond. Cecil Heftel. illus AU Rev 32:2-16 Nov-Dec '80

SPACE PROJECTSkylab

Long-term follow-up of Skylab bone demineralization. Frederick E. Tilton and others. illus tabs Aviation, Space & Envmt Med 51:1209-1213 Nov '80

Space motion sickness: Skylab revisited. Ashton Graybiel. illus tabs Aviation, Space & Envmt Med 51:814-822 Aug '80

TIROS

Twenty years of forecasting progress: Weather from space. Theo Pirard. illus Aerosp Intl 16:55-56+ Sep-Oct '80

SPACE RACESee also

Space--International Aspects

SPACE RESEARCHSee also

Space--International Aspects
Space Programs

China (People's Republic)

The Chinese ballistic missile program. Mark Wade. illus tabs Intl Def Rev 13, No. 8:1190-1192 '80

Russia

New stage in the development of USSR space research. Yuri Zaitsev. Aviation, Space & Envmt Med 51: 1163-1165 Oct '80

SPACE SHUTTLES see Space Transporters

SPACE STATIONSSee also

Space Project--Skylab

New stage in the development of USSR space research. Yuri Zaitsev. Aviation, Space & Envmt Med 51: 1163-1165 Oct '80

Orbiting spaceport being studied. illus Def Elect 12:30 Dec '80

Design

Large structures in space: A new engineering challenge. Thomas Hagler. illus Mil Engr 72:318-322 Sep-Oct '80

SPACE TAXIS see Space Transporters

SPACE TRANSPORTERS

AF must go deeper in space. Hans M. Mark. AF Times 40:38 Mar 3 '80

March (1981) still lift-off date for U.S. space shuttle. AF Times 41:26 Aug 18 '80

Military space maneuvers in the '80s. Deborah M. Kyle and others. illus Armed Forces J Intl 117: 36-38+ Jul '80

A more liberal, avant garde R&D program. Edgar Ulsamer. illus AF Mag 63:42-47 Jun '80

Not all peaches and cream for the space shuttle. illus Def Elect 12:75-76 Dec '80

Orbiting spaceport being studied. illus Def Elect 12:30 Dec '80

Project Touchdown: Lending a hand. Maj James I. Clark. illus AF Engrg & Svcs Qtr 21:10-12 May '80

The shuttle and the second great era in space. BrigGen Robert A. Rosenberg and LtCol Wayne L. O'Hern, Jr. illus Defense/80, pp 12-19, May '80

Shuttle launch cost to be \$82M higher. AF Times 40:8 May 5 '80

Shuttle port is taking shape. Len Famiglietti. AF Times 40:4 Jul 21 '80

The Soviet space shuttle program. LtCol Carl A. Forbrich, Jr. AU Rev 31:55-62 May-Jun '80

Space policy and its implications on shuttle. (Paper presented at 1979 Annual Meeting, American Astronautical Society, Los Angeles, Oct 29-Nov 1) BrigGen Robert A. Rosenberg and LtCol Wayne L. O'Hern, Jr. AF Plcy Ltr for Comdrs: Sup No. 1: 17-25 Jan '80

Space shuttle mired in bureaucratic feud. Edgar Ulsamer. illus AF Mag 63:72-77 Sep '80

Space shuttle progress--nearing the end of the tunnel? Chris Bulloch. illus tab Interavia 35:899-906 Oct '80

Space shuttle radios being tested by RCA. Signal 34:100 Feb '80

SPACE TRANSPORTERS - Continued

Space shuttle update: Into the construction phase.
LtCol Thomas L. Bozarth. illus AF Engrg & Svcs
Qtr 21:8-9 May '80

History

An early orbital 'shuttle' (Dyna-Soar). Jay Miller.
illus AF Times 40:29 Feb 4 '80

SPACE VEHICLESSee also

Satellites, Artificial
Space Stations
Space Transporters

Ground-Support Equipment

Shuttle port is taking shape. Len Famiglietti. AF
Times 40:4 Jul 21 '80

Launching

Ariane: Third time lucky. illus Interavia 35:116-117
Feb '80

March (1981) still lift-off date for U.S. space shuttle.
AF Times 41:26 Aug 18 '80

Shuttle launch cost to be \$82M higher. AF Times
40:8 May 5 '80

Shuttle port is taking shape. Len Famiglietti. AF
Times 40:4 Jul 21 '80

SPACE WARFARE

The Air Force in space. (Presentation, Dunedin and
Tampa Air Force Assoc Chapters, Dunedin, FL,
Feb 28, 1980) MajGen William R. Yost. AF Plcy
Ltr for Comdrs: Sup, pp 16-22, Jun '80

Electronic warfare in naval operations. Mario De
Arcangelis. illus Armada Intl 4:40-42+ Mar-
Apr '80

SPAINForeign RelationsNATO

Should Spain join NATO? LtComdr Antonio Zea. illus
tab Nav War Col Rev 32:78-87 Nov-Dec '79

Spain and NATO: Problems and prospects. Col F.R.
Stevens, Jr. illus AU Rev 31:2-14 Mar-Apr '80

Strategic Importance

Should Spain join NATO? LtComdr Antonio Zea. illus
tab Nav War Col Rev 32:78-87 Nov-Dec '79

Spain and its defense organization. LtCol J. Sánchez
Méndez and others. illus chart Intl Def Rev pt 1,
The Armed Forces, 12, No. 9:1489-1494 '79; pt 2,
The defense industry, 13, No. 1:103-108 '80

SPALDING, John R., Jr

(Warner Robins Air Logistics Center) Interview.
MajGen John R. Spalding, Jr. por Mil Elect/
Countermeasures 6:16+ Mar '80

SPARE PARTSSee also

Airplanes, Military--Spare Parts

Diminishing sources--a logistics problem. Maj Mi-
chael J. Higgins, Jr. illus tabs Log Spectrum 14:
6-8 Summer '80

Initial spares provisioning: An exercise in optimiza-
tion. TIG Brief 32:7 Oct 31 '80

A maintenance nightmare. LtCol Richard P. Diehl.
illus Army Log 12:6-11 Sep-Oct '80

Opportunistic base and depot maintenance policies for
F100 engines in F-15 aircraft. John L. Madden and
Virginia L. Williamson. tabs AF J Log 4:18-22
Winter '80

Spares Acquisition Integrated with Production (SAIP).
TIG Brief 32:8 Mar 7 '80

Supplying Europe with repair parts. LtCol James K.
Hitch. illus Army Log 12:24-26 May-Jun '80

War reserve materiel review. TIG Brief 32:5
Jun 13 '80

SPATIAL DISORIENTATION

Instrument related accidents. WgComdr Jeremy Saye.
illus TAC Attack 20:14-15 Oct '80

Spatial disorientation. Maj Kenneth C. Dozier. Aerosp
Safety 36:12-13 Feb '80

Where did I say I was? CDR V.M. Voge. (Reprinted
from Approach, Sep 1980) illus Aerosp Safety 36:
24-26 Nov '80

SPECIAL EXPERIENCE IDENTIFIERS see Personnel
Classification--Air Force--U.S.SPECIAL FORCES

An exchange of wings over West Virginia. (Select
members of the Canadian Airborne Regiment par-
ticipate in Pierce Memorial Jump Fest, Camp
Dawson, WV) Pamela A. Kane. illus Natl Guard
34:15-17 Nov '80

The lessons of the Iranian raid for American military
policy. Alexander Scott. illus Armed Forces J Intl
117:26+ Jun '80

Special forces of the Plains. (Solomon Avengers,
Army scouts against the Indians, 1868) Michael L.
Starr. illus Army 30:43-45+ Feb '80

SPECIAL OPERATIONS SCHOOL

Special Operations School--the 'other' Air Force
SOS. illus Officer 56:20-22 Sep '80

SPECIAL WARFARE see Unconventional WarfareSPECIALISTS see Manpower, TechnicalSPECIFICATIONS

"The difficulty arises when a particular technology
matures two years after we need it." Interview.
Gen Alton D. Slay. illus Armed Forces J Intl 117:
40-42+ Jan '80

SPECIFICATIONS - Continued

System engineering--the key to effective transition/ evolution of Army C³ systems. MajGen Emmett Paige, Jr. Signal 34:17-21 Jul '80

SPEECH

Voice technology in military training. Robert Breaux. illus Def Mgt J 16:44-47 Fourth Quarter '80

SPEED, AIR see Air-Speed

SPIES AND SPYING see Espionage

SPONSOR PROGRAMS

Dear sponsor: Here's what I need to know. illus AF Times, Times Magazine sup:4 May 5 '80

Support centers for kin, INTRO (Individualized New-comer TRreatment and Orientation) expansion pushed. AF Times 41:14 Oct 20 '80

SPORTS

Air Force plays special role in Winter Olympics. K.Thuermer. illus Sergeants 18:28 Feb '80

The Army at Lake Placid ... an Olympian effort. Capt Gardner Nason and Steve Abbott. illus Soldiers 35:15-19 May '80

CIOR's Canadian challenge. illus Air Reservist 33:6 Nov '80

Delaware National Guard Minuteman Marathon. Pamela A.Kane. illus Natl Guard 34:26-29 May '80

A festival of sport and friendship (1980 Olympics). Col G.Timokhin. Soviet Mil Rev No.10:63-64 Oct '80

The KGB (Committee on State Security) Olympics: USSR fields world-class team--to entertain and entrap the unwary. John J.McGrath. illus Sea Power 23:25-26+ May '80

Measuring up (at the USAF boxing camp). SMSgt Dave Sheeder. illus Airman 24:31-35 Sep '80

Mission: The Olympics--for military Olympic hopefuls, the final push is still on. Lothar H.Wedekind and others. illus AF Times, Times Magazine sup: 12-16+ Mar 3 '80

Moscow prepares for the Olympics. (Interview with Vladimir Fyodorovich Promyslov) illus Soviet Mil Rev No.1:62-64 Jan '80

Mutual aspirations for freedom stressed at CIOR/ CIOMR congresses. Gen R.M.Withers. illus Officer 56:28-29 Oct '80

The 1980 Olympics. Lt-Col I.Sergeyev. illus Soviet Mil Rev No.7:63-64 Jul '80

1980 Winter Olympics: Total Army support. Capt Gardner M.Nason. illus Soldiers 35:50-53 Jan '80

The Olympic arenas of the Central Army Sports Club (Moscow). Col I.Krupnitsky. illus Soviet Mil Rev No.2:62-64 Feb '80

Over the long haul. (AF Capt Wally Saeger, marathon runner) William Holder. illus Airman 24:34-36 Aug '80

SPORTS - Continued

Two NCOs defy death; scale 'highest mountain' (Mt Aconcagua, Mendoza, Argentina). Pat Vaughan. illus AF Times 40:16+ Apr 14 '80

The Winter Olympics. G.Timokhin. illus Soviet Mil Rev No.4:63-65 Apr '80

SQUADRON OFFICER SCHOOL

A new look for SOS Correspondence Program. TIG Brief 32:13-14 Apr 4 '80

Notes from the computer resource managers. Maj Bob Simpson and SMSgt Phil Barrick. illus AF Compt 14:34 Jul '80

History

SOS marks 30 years as 'motivator.' AF Times 41:36 Oct 27 '80

STAATS, Elmer B.

Well-controlled accounting systems--a must for the eighties. (Address, American Society of Military Comptrollers National Symposium, San Antonio, May 22, 1980) Elmer B.Staats. por Armed Forces Compt 25:4-7+ Nov '80

STAFF COLLEGESArmed Forces--Japan

Officer education in Japan. Edward J.Drea. illus Mil Rev 60:31-39 Sep '80

Armed Forces--U.S.See also

Armed Forces Staff College

Army--U.S.See also

Army War College

Navy--U.S.See also

Naval War College

STAFF OFFICERSAir Force

Inspectors and staff officers: Friends or foes? TIG Brief 32:3 Nov 28 '80

Army

The commander and the staff. Col P.Simchenkov. Soviet Mil Rev No.6:17-19 Jun '80

STAFFS, MILITARYSee also

Army General Staff
Joint Chiefs of Staff

Civilian control and military professionalism: A systemic problem. Col Trevor N.Dupuy, Ret. illus Strat Rev 8:36-43 Winter '80

STANDARD OF LIVING see Cost and Standard of Living

STANDARDIZATION

ASRAAM--smoke without fire? illus Intl Def Rev 13, No.5:686-687 '80

Armaments co-operation in NATO. John B. Walsh. illus tab NATO's Fifteen Nations 24:8+ Dec '79-Jan '80

The Army's national role in NATO communications. MajGen Clarence E. McKnight, Jr. illus tabs map Signal 35:43-46+ Dec '80

Collaborative weapons acquisition: A closer look. Robert W. Dean. illus NATO's Fifteen Nations 25:33-34+ Apr-May '80

The current avionics approach: Rational standardization at work. F. Clifton Berry, Jr. illus AF Mag 63:62-63+ Jul '80

"The difficulty arises when a particular technology matures two years after we need it." Interview. Gen Alton D. Slay. illus Armed Forces J Intl 117:40-42+ Jan '80

European and transatlantic armaments cooperation from the German viewpoint. Hans L. Eberhard. (Trans by Paul A. Chadwell from Soldat und Technik, Sep 1979) tabs Natl Def 64:37-41 Apr '80

Future European combat aircraft--where do we go from here? illus Intl Def Rev 13, No.5:656-657 '80

Interoperability and EW. Michael T. Thurbon. Signal 34:13+ Apr '80

Interoperability in command and control by networks. Karl H. Wagner. illus tab NATO's Fifteen Nations 24:48-50+ Oct-Nov '79

JINTACCS (Joint INTERoperability of TActical Command and Control Systems). MajGen Clay T. Buckingham. illus tab Signal 34:53-54+ May-Jun '80

Military IC standardization: Bedrock or boondoggle? Jim Martin. illus tab Mil Elect/Countermeasures pt 1, 5:49+ Dec '79; pt 2, 6:41+ Jan '80

Missile unity: A NATO view. (Interview with G.R. Jefferson) David Harvey. illus Def & For Aff 8, No.3:39-41+ '80

NATO and rationalization, standardization, and interoperability. LtCol Glynn E. Parker. illus Army Log 12:24-27 Mar-Apr '80

NATO armaments co-operation: The official U.S. DOD view. Intl Def Rev 13, No.6:803-806 '80

NATO C³ issues. Gen Bernard W. Rogers and others. illus Signal 35:9-10+ Dec '80

NIS (NATO Identification System)--a new identification system for NATO. Dan Boyle. illus Intl Def Rev 13, No.3:351+ '80

Seven by seven. LtCol Charles W. Montgomery, Ret. Fld Arty J 48:53-54 Jul-Aug '80

Small arms: Beginning the change. David Harvey. illus Def & For Aff 8, No.1:12-18 '80

STANDARDIZATION - Continued

Spread spectrum technology. (Convention panel, AFCEA, Washington, June 25, 1980) J.N. Birch and others. illus tab Signal 34:49+ Aug '80

Standardization: A Systems Command perspective. Gen Alton D. Slay. illus Mil Elect/Countermeasures 6:90-93 Sep '80

Toward standardizing conventional ammunition. Edward J. Jamieson. illus tab Army Log 12:28-31 Nov-Dec '80

U.S.-German: Compatible antiarmor systems? Maj Phillip W. Gray. illus tab Mil Rev 60:2-8 Nov '80

STANDARDS OF CONDUCT

'Bare' photos covered by conduct code. Len Famiglietti. AF Times 40:1+ Mar 24 '80

A do-it-yourself professional code for the military. Gen Maxwell D. Taylor, Ret. illus Parameters 10:10-15 Dec '80

Ethics in action. Maj Montgomery C. Meigs. Army 30:17-19 Aug '80

Quality force is aim of new guide to field. Len Famiglietti. AF Times 41:1+ Aug 18 '80

To serve with honor. Maj Richard A. Gabriel. illus Army 30:17-21 May '80

STANFORD, David L.

From pilot to pilot. (AF Reserve MajGen David L. Stanford talks to AF pilots about military and civilian careers) Robert K. Ruhl. por Airman 24:9-14 Jun '80

STARRY, Donn A.

Does Armor have a "ho hum" attitude? Gen Donn A. Starry. (Address, 1980 Armor Conference) Armor 89:46-47 Jul-Aug '80

Values, not scores, the best measure of soldier quality. Gen Donn A. Starry. por Army 30:38-43 Oct '80

STARS

Stargazing for fun. Capt Stephen P. Pappas. illus Navigator 27:17-20 Spring '80

STATE DEPT

Automating the State Department. Govt Exec 12:50 Aug '80

STATES, NEW

Civil-military relations in new states. J. 'Bayo Adekun. RUSI J for Def Studies 125:58-63 Mar '80

STATISTICS

Here are entered articles on statistical theory and methods. For statistical information on a specific subject see the subdivision Statistics under the specific subject.

STEALTH CONCEPT

(ADM) Zumwalt: Carter leaked Stealth for political edge. AF Times 41:2 Sep 29 '80

B-52 replacement to include 'Stealth.' AF Times 41:6 Sep 29 '80

DOD specifies what Stealth data is OK. AF Times 41:40 Nov 17 '80

Excerpts from Governor Reagan's speech on Stealth leaks (Jacksonville, FL, Sep 4, 1980). SecDef Brown's rejoinder. Armed Forces J Intl 118:72 Oct '80

House panel (Armed Services Subcommittee on Investigations) calls Brown on 'leaks.' AF Times 41:12 Sep 8 '80

House unit (Armed Services Committee) bars 'Stealth' probe. AF Times 41:7 Sep 22 '80

Journal testimony on Stealth leaks before the House Armed Services Investigating Subcommittee. illus Armed Forces J Intl 118:11+ Oct '80

The most invisible airplane. LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Sep 15 '80

Partisan politics and the Pentagon. Bruce Callander. illus AF Times 41:20+ Sep 15 '80

President Carter's comments on Stealth leaks. (Informal remarks to reporters, Perth Amboy, NJ, Sep 9, 1980) Armed Forces J Intl 118:73 Oct '80

Sec Brown under oath on 'Stealth.' Martha Lynn Craver. illus AF Times 41:3 Sep 15 '80

Statement by Dr William J. Perry, House Armed Services Investigating Subcommittee, 4 September 1980. illus Armed Forces J Intl 118:22+ Oct '80

Statement of Defense Secretary Harold Brown (on Stealth technology). illus Armed Forces J Intl 118:23 Oct '80

Stealth aircraft. illus Interavia 35:883 Oct '80

'Stealth' aircraft invisible to radar (Def Sec Brown has announced). AF Times 41:12 Sep 8 '80

Stealth aircraft program revealed. Intl Def Rev 13, No.7:979 '80

'Stealth' aircraft technology. Harold Brown and William J. Perry. AF Plcy Ltr for Comdrs: Sup, pp 9-11, Oct '80

The Stealth approach. illus Armada Intl 4:50+ Sep-Oct '80

Top secret revealed. H.R.Kaplan. Sergeants 18:24-25 Dec '80

U.S. has been flying virtually invisible aircraft for over two years. ("Stealth" program) Benjamin F. Schemmer. Armed Forces J Intl 118:30-31 Sep '80

STEAM PLANTS

Cogeneration plants: Expedient energy conservation. Fritz E. Hein. illus tab Mil Engr 72:100-103 Mar-Apr '80

Refuse-fired plant (Hampton, VA) will save 2 million gallons of oil a year. AF Times 41:46 Oct 27 '80

STEEL

Effective aid. (CMEA (Council of Mutual Economic Assistance) and the developing countries' metal-making industries) A. Shevchenko. Soviet Mil Rev No.10:50-51 Oct '80

STENNIS, John C.

(Sen) Stennis: More pay is not the answer. AF Times 40:6 May 5 '80

Titan replacement urged by Stennis. AF Times 41:7 Oct 13 '80

STEWARDS AND STEWARDESSES see Cabin CrewsSTOCKDALE, James B.

Moral leadership. VADM James B. Stockdale, Ret. por US Nav Inst Proc 106:86-89 Sep '80

STOCKPILING

The national defense stockpile. Defense/80, pp 23-24, Dec '80

Next: A resource war? U.S. dependency on raw material imports cited. Warren P. Baker. tab maps Sea Power 23:55-56+ Oct '80

Strategic materials--important factors in readiness. John D. Morgan, Jr. illus tabs Mil Engr 72:413-417 Nov-Dec '80

STOLAROW, Jerome H.

Auditor General. AF Compt 14:32 Oct '80

STORAGE

Compensatory measures must truly compensate. TIG Brief 32:4 Oct 31 '80

How's that again? (Public warehousing) Translog 11:14-16 Feb '80

Important subject: Explosives waivers. TIG Brief 32:17 Jan 11 '80

Operating a tactical marine terminal. Capt Roger W. McHenry. illus Army Log 12:20-23 Sep-Oct '80

Physical security upgrade program. TIG Brief 32:4 Oct 17 '80

Super guards: Duty at America's nuclear outposts. MSgt Matt Glasgow. illus Soldiers 35:36-39 May '80

Time well spent by senior managers. TIG Brief 31:7 Dec 21 '79

What's a warehouse? Ronald V. Claussen. illus Translog 11:7-8 May '80

STRAINS AND STRESSES

Betting the 50. Joseph F. Tilson. illus Aerosp Safety 36:2-3 May '80

Bubble gum, bailing wire, and ASIP (Aircraft Structural Integrity Program), or ... how we keep your aircraft from falling apart. Maj Paul L. Tiley. illus tabs Aerosp Safety 36:22-23 Feb '80

Get a bigger thumb. Joseph F. Tilson. illus Aerosp Safety 36:2-3 Jun '80

Tankers live longer. (The value of the in-flight Acoustic Crack Detection System (ACDS) for C/KC-135 aircraft) Budd Parrish. illus tabs Aerosp Safety 36:8-11 Apr '80

STRAITS see Waterways

STRATEGIC AIR COMMANDSee also

Air Force, 8th
Air Force, 15th

ACE (Accelerated Copilot Enrichment): Developing aircraft commanders. Capt George E. Walrond. Combat Crew 30:26-28 Jun '80

ADTAC participates in Giant Voice. Capt Owen Jensen. illus TAC Attack 20:18-21 Feb '80

931st (Air Refueling Group) receives highest marks in SAC evaluation. illus Officer 56:14 Mar '80

Busy Partner (orientation flight program for SAC wives at Minot AFB, ND). Capts Al Serrano and Rich Orkin. illus Combat Crew 30:8-9+ Mar '80

Busy Prairie. (SAC's Strategic Projection Force supports the Rapid Deployment Joint Task Force) LtCol George L. Newton III. illus Combat Crew 30:4-7+ Dec '80

Career opportunities in SAC Operations Plans. BrigGen Allen K. Rachel and Maj Dennis P. Hynes. illus Navigator 27:22-24 Winter '80

Changing strategies for a changing world. (Report on AFA's symposium, "New Defense Horizons: Changing Strategies for a Changing World," Los Angeles, Oct 25-26, 1979) Edgar Ulsamer. illus AF Mag 63:66-73 Jan '80

The contingency challenge is for real. Majs John Van de Kamp and Ken McCormick. illus Combat Crew 30:4-6 Mar '80

Crews in competition. illus Combat Crew 30:6-15+ Apr '80

"Do-it-yourself" logistics engineering in Strategic Air Command. Col James K. Streett. AF J Log 4:18-19 Spring '80

Force projection: The conventional side of SAC's strategic mission. Gen R.H. Ellis. TIG Brief 32:1-2 Aug 8 '80

A gathering of sentinels. (Olympic Arena '80) MajGen Andrew Pringle, Jr. illus Combat Crew 30:4-5 Apr '80

Giant Sword (1980). illus tab Combat Crew 30:4-7 Nov '80

STRATEGIC AIR COMMAND - Continued

Giant Voice. illus Air Reservist 32:6-7 Feb '80

Giant Voice '79. Maj Steve Miller. illus tabs Combat Crew 30:4-7+ Jan '80

Global Shield--a lesson in readiness. Capt Joseph P. Ward. illus Combat Crew 30:4-7+ Oct '80

House wants SAC cockpits kept desk-pilot free. AF Times 41:31 Oct 6 '80

How SAC communicates. Dennis R. Brown and Herbert R. Dimmick. illus Armed Forces J Intl 117:62+ Feb '80

MAs (Mobilization Augmentees) on the move. Col Merlin R. Adams and LtCol Bernard V. Parrette. illus Air Reservist 33:10-11 Nov '80

Olympic Arena '80--competing in the new decade. Gen R.H. Ellis. illus Combat Crew 30:2-3 Apr '80

Posted with pride. (The Elite Guard, SAC's command security force) Capt Katie Cutler. illus Airman 24:9-12 Feb '80

SAC drug offenders have option--controversial test program like 'basic in two weeks.' Don Mace. AF Times 40:4 Mar 31 '80

SAC due 1st E-4B. AF Times 40:20 Jan 14 '80

SAC KC-10s will draw on AFRes. AF Times 40:4 Apr 28 '80

SAC looks at the '80s. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No.2:24-30 Feb '80

SAC readiness: The DE (Damage Expectancy) formula. BrigGen Richard A. Burpee. illus Combat Crew 30:2-3 May '80

SAC's dual edged sword. Gen Richard H. Ellis. illus NATO's Fifteen Nations 25:18-20+ Apr-May '80

381st SMW wins a close competition. (Olympic Arena 1980) illus Combat Crew 30:12-17 Jul '80

Strategic Air Command. illus charts AF Mag 63:86+ May '80

Strategic air power. Gen Richard H. Ellis. illus RUSI J for Def Studies 125:3-8 Mar '80

Strike Command (RAF): A friendly competitor in Giant Voice '79. illus Combat Crew 30:8-11 Jan '80

Taking home some 'Iron.' (SAC's Giant Sword tests munitions load teams and security police teams) James A. George. illus Airman 24:2-7 Apr '80

Train the way we fight. MajGen Andrew Pringle, Jr. illus Combat Crew 30:2-3 Jul '80

History

CinCSAC's during 30 years. Portraits only. Combat Crew 30:16-17 Jun '80

From power flight '57 to global flight '80--the second time around. Maj William H. Thurston. illus Combat Crew 30:8-9+ Jun '80

STRATEGIC AIR COMMAND - ContinuedHistory - Cont'd

30 years of combat crew flying. Maj Stephen J. Miller. illus tabs Combat Crew 30:6-7+ Jun '80

Thirty years of missile history. illus tabs Combat Crew 30:10-12 Jun '80

STRATEGIC AIR FORCES

See also
Strategic Forces

Russia

USSR's airlift about 1/4 of U.S. --but most distances are shorter. Armed Forces J Intl 117:17+ Apr '80

United States

Air Force priorities. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1980) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Nov '80

The deterrent effect of strategic aircraft. LtCol Ronald K. Sable. illus Def Trans J 36:42-44+ Sep '80

Strategic air power: Destroying the enemy's war resources. 2. The command realities. Gen Curtis E. LeMay, Ret. illus Aerosp Hist 27:9-15 Mar '80

STRATEGIC ANTIBALLISTIC MISSILE INTERCEPT SYSTEM see Missile DefenseSTRATEGIC ARMS LIMITATION TALKS see Arms ControlSTRATEGIC FORCES

See also
Strategic Air Forces

France

The evolving French strategic debate. D. Bruce Marshall. illus Strat Rev 8:59-77 Spring '80

The future of the French Strategic Nuclear Force. Paul Stares. tabs Intl Sec Rev 5:231-257 Summer '80

NATO

NATO strategy under discussion in Bonn. Udo Philipp. illus maps Intl Def Rev 13, No. 9:1367-1371 '80

NATO theater nuclear modernization. Joseph D. Douglass. Intl Sec Rev 5:57-71 Spring '80

Russia

Exploitable strategic nuclear superiority. Sen Jake Garn. Intl Sec Rev 5:173-192 Summer '80

Is there a future for SALT? Andrew C. Tuttle. illus Natl Def 65:33-37+ Aug '80

Moscow's goal is military superiority. Edgar Ulsamer. tabs AF Mag 63:42-52 Mar '80

STRATEGIC FORCES - ContinuedRussia - Cont'd

Soviet airborne forces and preemptive power projection. Capt Kenneth Allard. illus tabs Parameters 10:42-51 Dec '80

The Soviet strategic nuclear advantage and how to eliminate it. John F. Lehman. Intl Sec Rev 5:271-285 Fall '80

Targeting problems for central war. Colin S. Gray. illus Nav War Col Rev 33:3-21 Jan-Feb '80

United States

Air Force programs: An overview. (Presentation, Baltimore, March 24, 1980) MajGen James E. McInerney, Jr. AF Plcy Ltr for Comdrs: Sup, pp 34-40, May '80

Exploitable strategic nuclear superiority. Sen Jake Garn. Intl Sec Rev 5:173-192 Summer '80

How ASD is meeting the needs of the nineties. LtGen Lawrence A. Skantze. illus chart AF Mag 63:37-43 Oct '80

Is there a future for SALT? Andrew C. Tuttle. illus Natl Def 65:33-37+ Aug '80

The M-X: Critical need for the United States. (Presentation, Orange County World Affairs Council, Santa Ana, CA, April 9, 1980) BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup, pp 9-15, Jun '80

The MX missile and the U.S. strategic deterrent. Hy Kaplan. illus Sergeants 18:24-27 Feb '80

M-X--the full perspective. Seymour L. Zeiberg. illus Defense/80, entire issue, Sep '80

Perceived versus real strength of America's strategic forces. Gen Maxwell D. Taylor, Ret. illus Parameters 9:7-11 Dec '79

Political sufficiency of nuclear forces. LtCol Robert W. Chandler. illus AU Rev 31:61-69 Sep-Oct '80

Report to the 96th Congress. (Presentation, House Armed Services Committee, Washington, Feb 1980) Hans M. Mark and Gen Lew Allen, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 3:2-35 Mar '80

SAC's dual edged sword. Gen Richard H. Ellis. illus NATO's Fifteen Nations 25:18-20+ Apr-May '80

The SALT II crisis: An opportunity to limit the dangers. LtGen George M. Seignious II, Ret. illus Parameters 9:2-6 Dec '79

The Soviet strategic nuclear advantage and how to eliminate it. John F. Lehman. Intl Sec Rev 5:271-285 Fall '80

Strategic military balance. Harold Brown. (Reprinted from Asia-Pacific Defense Forum, Spring 1980) illus Asian Def J No. 5:131+ Sep-Oct '80

Strategic offense and defense. (Presentation, Dept of Iowa, American Legion Convention, Sioux City, July 19, 1980) BrigGen William L. Shields. AF Plcy Ltr for Comdrs: Sup, pp 19-25, Sep '80

STRATEGIC FORCES - ContinuedUnited States - Cont'd

The strategic triad in the '80s. (Presentation, National Security Industrial Assoc, Washington, Dec 12, 1979) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 24-30, Apr '80

Targeting problems for central war. Colin S. Gray. illus Nav War Col Rev 33:3-21 Jan-Feb '80

U.S. strategic deterrent capability. (Presentation, 49th Annual Meeting, Utah State Bar, Salt Lake City, July 18, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 6-11, Sep '80

U.S. strategic force modernization: A new role for missile defense? Rep Jack F. Kemp. illus Strat Rev 8:11-17 Summer '80

U.S. strategic force requirements in a nuclear-proliferated world. Lewis A. Dunn. illus AU Rev 31: 26-33 Jul-Aug '80

U.S. strategic nuclear policy. (Presentation, Naval War College, Aug 20, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Oct '80

Vandenberg (AFB, CA) launches in 1983--MX, space projects bulk large. Interview. MajGen William D. Gilbert. AF Times 40:21 Mar 31 '80

World realities and the M-X. (Presentation, Clovis, NM, Chamber of Commerce, Spe 12, 1980) Joe F. Meis. AF Plcy Ltr for Comdrs: Sup, pp 27-36, Nov '80

STRATEGIC IMPORTANCE see as subdivision under specific country and geographical area

STRATEGIC WARFARE

Strategic warfare: Considering the future nuclear deterrent force. Maj Bruce P. Mauldin. tabs Nav War Col Rev 33:84-92 Jul-Aug '80

Strategies into the coming century. Gregory R. Copley. illus Def & For Aff 8:6-7+ Nov '80

STRATEGY

See also as a subdivision under specific wars, e.g.,
World War II--Strategy

Clausewitzian lessons for modern strategists. Thomas H. Etzold. AU Rev 31:24-28 May-Jun '80

Continuous operations. LtCol M. G. Hunt-Davis and Maj D. M. Freeman. RUSI J for Def Studies 125: 11-15 Sep '80

Crisis management. Lawrence Freedman. illus NATO's Fifteen Nations 24:16-17+ Oct-Nov '79

Defence and the changing scene. (Fuller-Liddell Hart Memorial Lecture) Marshal Neil Cameron. RUSI J for Def Studies 125:21-28 Mar '80

Defense strategy and military estrangement. Maj John Hasek. AU Rev 31:93-96 Sep-Oct '80

STRATEGY - Continued

Defining and measuring C². H. Bennett Teates and others. illus tabs Mil Elect/Countermeasures pt 1, a perspective. 6:40+ May '80; pt 2, Defining and measuring C². 6:28+ Jun '80

Deterrence and open space. Stefan T. Possony. illus Def & For Aff 8, No. 2:28-31+ '80

En clair: A monthly report on strategic news. Regular feature in issues of Defense & Foreign Affairs

Escalation control. CDR Robert C. Powers. illus tabs US Nav Inst Proc 106:52-56 Jan '80

The institution of sanctuary and the future war in Europe. Pervaiz Iqbal Cheema. Islamic Def Rev 5, No. 3:15-19 '80

Military power, strategy, and national security. (Condensed from address, Boston Chapter, SOLE, Feb 20, 1980) RADM Henry E. Eccles, Ret. Log Spectrum 14:17-19 Summer '80

Polaris successor. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, April 30, 1980) illus RUSI J for Def Studies 125: 16-26 Sep '80

Psychological strategy. Regular feature in some issues of Defense & Foreign Affairs

The role of western military power in the world today. Edward Heath. RUSI J for Def Studies 125: 14-20 Jun '80

Strategic air power. Gen Richard H. Ellis. illus RUSI J for Def Studies 125:3-8 Mar '80

Strategy and the military professional. LtCol Andrew P. O'Meara, Jr. illus Mil Rev pt 1, 60:38-45 Jan '80; pt 2, 60:51-63 Feb '80

Strategy: Process and principles--back to the basics. LtCol Dennis M. Drew. illus AU Rev 31:38-45 May-Jun '80

History

'One-up and two-back'? Gen William E. DePuy, Ret. illus tab Army 30:20-25 Jan '80

Principles of deterrence. Col John M. Collins, Ret. illus tabs AU Rev 31:17-26 Nov-Dec '79; Comments. LtCol Michael B. Seaton and others. 31:77-84 Jul-Aug '80

China (People's Republic)

China--a nuclear power: Strategic posture and defense modernization. Ernst Kux. illus Armada Intl 4:106-108+ Mar-Apr '80

France

The evolving French strategic debate. D. Bruce Marshall. illus Strat Rev 8:59-77 Spring '80

Israel

New strategic thinking in Israel. Benny Morris. map Armed Forces J Intl 118:82+ Sep '80

STRATEGY - ContinuedNATO

- Air power--dominant in NATO strategy. AM John Nicholls. illus Hawk No.40:13-18 Feb '80
- Defence philosophy. ACM Peter Le Cheminant. RUSI J for Def Studies 125:9-13 Jun '80
- Eurostrategy--theatre nuclear weapons. Frederick Bonnart. illus NATO's Fifteen Nations 25:48-49+ Apr-May '80
- The impossible task--defense without relevant strategy. LtCol Wolfgang W.E.Samuel. illus AU Rev 31:15-28 Mar-Apr '80
- NATO strategy under discussion in Bonn. Udo Philipp. illus maps Intl Def Rev 13, No.9:1367-1371 '80
- NATO theater nuclear modernization. Joseph D. Douglass. Intl Sec Rev 5:57-71 Spring '80
- NATO's land and sea strategies--are they compatible? Maj George M. Connell. illus MarCor Gaz 64:41-46 Jun '80
- Some strategic implications of fighting outnumbered on the NATO battlefield. Col William O. Staudenmaier. illus Mil Rev 60:38-50 May '80
- Strategic factors affecting the defence by NATO of Western Europe: A reappraisal. LtCol D.M.O. Miller. RUSI J for Def Studies 125:37-43 Sep '80
- Symposium on military strategy in Western Europe. Phillip A. Karber and others. Armed Forces & Soc 7:69-87 Fall '80
- Theater nuclear forces and grey area weapons. Karl Lautenschläger. illus Nav War Col Rev 33:13-22 Sep-Oct '80
- Theatre nuclear force modernisation. (Report of a seminar held at RUSI in conjunction with British Atlantic Committee, Feb 12, 1980) RADM E.F. Gueritz. illus RUSI J for Def Studies 125:3-10 Sep '80

Rhodesia

- Rhodesian bush war strategies and tactics: An assessment. Thomas Arbuckle. map RUSI J for Def Studies 124:27-33 Dec '79

Russia

- China, Soviet strategy, and American policy. Robert L. Pfaltzgraff, Jr. Intl Sec 5:24-48 Fall '80
- Disarmament problems and the position of West Germany. Udo Philipp. Intl Def Rev 13, No.7:985 '80
- Disquiet in the Far East. (Trench Gascoigne Prize Essay) I.P.S.G. Cosby. tab chart RUSI J for Def Studies 125:44-51 Sep '80
- Doubts and difficulties confronting a would-be Soviet attacker. P.H. Vigor. RUSI J for Def Studies 125:32-38 Jun '80
- The "external function" of Soviet Armed Forces. Avigdor Haselkorn. illus Nav War Col Rev 33:35-45 Jan-Feb '80

STRATEGY - ContinuedRussia - Cont'd

- Flexibility: A driving force in Soviet strategy. Phillip A. Petersen. illus AF Mag 63:94-98 Mar '80
- Maskirovka: Are the Russians taking us down the garden path? Scott James. illus Def Elect 12:43-44+ Aug '80
- Military asymmetries in the Soviet-American strategic balance. Capt Carl C. Krehbiel. illus RUSI J for Def Studies 125:24-32 Jun '80
- Moscow's goal is military superiority. Edgar Ulsamer. tabs AF Mag 63:42-52 Mar '80
- Soviet airborne forces and preemptive power projection. Capt Kenneth Allard. illus tabs Parameters 10:42-51 Dec '80
- Soviet Asian pre-occupations. Jacquelyn Porth. illus Def & For Aff 8:32-33 Aug '80
- The Soviet defense establishment in the '80s. William T. Lee. illus tabs AF Mag 63:100-108 Mar '80
- The Soviet strategic view. (Excerpts and paraphrases from Soviet strategic-military literature) Regular feature in issues of Strategic Review
- Soviet tactics for overcoming NATO antitank defenses C.N. Donnelly. (Reprinted from International Defense Review, No. 7, 1979) Infantry pt 1, 70:20-26 Sep-Oct '80; pt 2, 70:16-23 Nov-Dec '80
- Strategic balance considerations: Policy, doctrine, force structure, and SALT. LtCol Warren H. Milberg. tab Nav War Col Rev 33:68-74 Jul-Aug '80
- Targeting problems for central war. Colin S. Gray. illus Nav War Col Rev 33:3-21 Jan-Feb '80
- The USSR and the "encirclement" fear: Soviet logic or Western legend? Uri Ra'anan. illus Strat Rev 8:44-50 Winter '80
- USSR vs U.S.A.: The coming window for a first strike. Burt F. Raynes. Govt Exec 12:37-40+ Oct '80
- U.S. strategy for general nuclear war. Joseph D. Douglass. tab Intl Sec Rev 5:287-316 Fall '80

History

- Glavnoe komandovanie: The Soviet theater command. Gregory C. Baird. illus Nav War Col Rev 33:40-48 May-Jun '80

Saudi Arabia

- Saudi Arabia: A political and strategic assessment. P. Lewis Young. illus map Asian Def J pt 1, No.4: 36+ Jul-Aug '80; pt 2, No.5:47-48+ Sep-Oct '80

South Africa (Republic)

- South African strategy: The strategy of an international pariah. Patrick J. Garrity. illus Nav War Col Rev 33:23-30 Sep-Oct '80

Sweden

- The naval defense of Sweden in the 1980s. John B. Hattendorf. illus map tab Nav War Col Rev 33:22-34 Jan-Feb '80

STRATEGY - ContinuedUnited States

AFA policy paper: Force modernization and R&D. AF Mag 63:71-75 Nov '80

America's soft underbelly: Central America and the Caribbean. John J. Tierney. illus Sea Power 23: 14-16 Jun '80

The Army and the 1980's. Col John R. Witherell and LtCol Andrew P. O'Meara, Jr. illus Parameters 9:41-51 Dec '79

Beyond the big bird image ... Bruce Callander. AF Times 40:20 Jan 28 '80

The challenge of the '80s. (Presentation, Fall Planning Conference, Air Force Section, Reserve Officers Assoc, Louisville, KY, Oct 27, 1979) LtGen Abbott C. Greenleaf. AF Plcy Ltr for Comdrs: Sup No. 1:26-34 Jan '80

Changing strategies for a changing world. (Report on AFA's symposium, "New Defense Horizons: Changing Strategies for a Changing World," Los Angeles, Oct 25-26, 1979) Edgar Ulsamer. illus AF Mag 63: 66-73 Jan '80

A countervailing strategic strategy. Harold Brown. illus Defense/80, pp 2-9, Oct '80

Dawn of a new strategic era? Edgar Ulsamer. AF Mag 63:49-54 May '80

(Finding an equalizer for disparity in equipment) (Key-note luncheon address, AFCEA Convention, Washington, June 24, 1980) William J. Perry. illus Signal 34:13+ Aug '80

The force design dilemma. LtCol Andrew P. O'Meara, Jr. illus Army 30:16-23 Mar '80

A growing awareness. Gen Lew Allen, Jr. illus AF Mag 63:66-69 Nov '80

Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79; Rebuttal: Yes, there really is a better way to win a war in Europe. Maj Leslie J. Hamblin. 31:70-72; Responses. Maj Charles W. Specht and others. 3:73-82 Sep-Oct '80

Judging SALT II. Gen Alexander M. Haig, Jr. illus Strat Rev 8:11-17 Winter '80

Lessons in strategic planning. Stefan T. Possony. Def & For Aff 8, No. 6:46-47 '80

Limited U.S.-Soviet conflict and the RDF. F.J. West, Jr. illus MarCor Gaz 64:39-46 Aug '80

Military asymmetries in the Soviet-American strategic balance. Capt Carl C. Krehbiel. illus RUSI J for Def Studies 125:24-32 Jun '80

Military strategy, the forgotten art. LtCol William T. Rudd. AU Rev 31:85-93 Jul-Aug '80

Mobility forces. (Extracted from Air Force Report to 96th Congress) illus Airlift Ops Rev 2:9-10 Jul-Sep '80

National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80

STRATEGY - ContinuedUnited States - Cont'd

Needed: An 'All-Oceans' Naval Alliance and 'a peacetime constabulary of the seas.' Ray S. Cline. map illus Sea Power 23:39-40+ Apr '80

New defense horizons: Changing strategies for a changing world. (Concluding report on AFA Symposium, Los Angeles, Oct 26, 1979) Edgar Ulsamer. illus AF Mag 63:60-65 Feb '80

Pacific Air Forces: A forward defense strategy. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen James D. Hughes. AF Plcy Ltr for Comdrs: Sup No. 2:14-23 Feb '80

The Persian Gulf and Southwest Asia: Interests & strategies. Harold Brown. illus Defense/80, pp 2-9, Jun '80

A post-detente strategy for the United States. Sen Henry M. Jackson. illus Strat Rev 8:11-16 Spring '80

The role of the Marine Corps in today's U.S. defense strategy. 2dLt Michael A. Gay. illus MarCor Gaz 64:54-58 Jan '80

SAC looks at the '80s. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 25, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 2:24-30 Feb '80

SALT and strategic reappraisal for the U.S. Thomas H. Etzold. illus map MarCor Gaz 64:49-53 Jan '80

Strategic balance considerations: Policy, doctrine, force structure, and SALT. LtCol Warren H. Milberg. tab Nav War Col Rev 33:68-74 Jul-Aug '80

Strategic planning and the policy process: American plans for war in East Asia, 1945-1950. Roger Dingman. Nav War Col Rev 32:4-21 Nov-Dec '79

Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 29, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-14, Apr '80

The swinging debate. (General Prize Essay, 1st Honorable Mention) RADM Robert Hanks, Ret. illus US Nav Inst Proc 106:26-31 Jun '80

Termination: The myth of the short, decisive nuclear war. Maj Jack H. Nunn. Parameters 10:36-41 Dec '70

USSR vs U.S.A.: The coming window for a first strike. Burt F. Raynes. Govt Exec 12:37-40+ Oct '80

U.S. policy and Asia. (Excerpts from Defense Dept Annual Report, FY '81) Harold Brown. illus Asian Def J No. 2:6+ Mar-Apr '80

U.S. strategy for general nuclear war. Joseph D. Douglass. tab Intl Sec Rev 5:287-316 Fall '80

Why the U.S. must have the MX missile. LtGen Kelly H. Burke. Air Reservist 32:3 May '80

History

Departure from incrementalism in U.S. strategic planning: The origins of NSC-68. Sam Postbrief. illus Nav War Col Rev 33:34-57 Mar-Apr '80

Marines and strategy. Capt B.H. Liddell Hart. illus MarCor Gaz 64:22-31 Jan '80

STRATEGY - ContinuedUnited States - Cont'dHistory - Cont'd

U.S. military strategy has been given a bum rap.
Col Trevor N. Dupuy, Ret. illus Army 30:16-21
Sep '80

STRATEGY, AIRUnited States

Fire counter fire: Bureaucratic tactics. William S. Lind. AU Rev 31:87-89; Responses. Capt James B. Smith and Maj Leonard L. Walls. 31:89-93
Jan-Feb '80

Roller Coaster operations across the FEBA (Forward Edge of the Battle Area). LtCol William C. Page, Jr. illus USA Avn Dig 26:34-38 Mar '80

Strategic air power: Destroying the enemy's war resources. 2. The command realities. Gen Curtis E. LeMay, Ret. illus Aerosp Hist 27:9-15 Mar '80

STRATEGY, NAVAL

ASW--the key to sea control. Gowri S. Sundaram. illus Intl Def Rev 13, No. 3:367-376 '80

Across or along: Soviet amphibious options in North-western Europe. (Is a joint NATO Marine Corps needed?) Alexander K. Maconochie. illus map US Nav Inst Proc 106:46-50 Apr '80

Escalation control. CDR Robert C. Powers. illus tabs US Nav Inst Proc 106:52-56 Jan '80

Is Mahan still valid? Thomas H. Etzold. illus US Nav Inst Proc 106:38-43 Aug '80

Maneuver in naval warfare. CDR Linton Wells II. illus tabs US Nav Inst Proc 106:34-41 Dec '80

Great Britain

The Royal Navy 1980. Col N. L. Dodd. illus Asian Def J No. 3:114-116+ May-Jun '80

Israel

Naval aims and strategy of Israel. Capt Imroze Sagar. illus tab Islamic Def Rev 5, No. 1:23-25+ '80

NATO

NATO's land and sea strategies--are they compatible? Maj George M. Connell. illus MarCor Gaz 64:41-46 Jun '80

Russia

A breach in the ramparts. (Soviet Navy in the Caribbean) ENS Christopher A. Abel. illus US Nav Inst Proc 106:46-50 Jul '80

1980 Soviet strategy for war at sea. William J. Ruhe. illus Def Elect 12:43-44+ Jul '80

Soviet expansion and control of the sea-lanes. Mickey Edwards. illus US Nav Inst Proc 106:46-51 Sep '80

Soviet wartime submarine strategy analyzed. CAPT William J. Ruhe, Ret. illus Def Elect 12:51-52+ Aug '80

STRATEGY, NAVAL - ContinuedUnited States

ASW strategy: Issues for the 1980s. LT David Templeton Easter. illus US Nav Inst Proc 106:34-41 Mar '80

An alternative to appeasement. Mark N. Katz. illus US Nav Inst Proc 106:58-62 Jun '80

Forward-deployed naval forces: Time for a change. Vann H. Van Diepen. illus US Nav Inst Proc 106:57-59 Apr '80

MacArthur as maritime strategist. Clark G. Reynolds. illus Nav War Col Rev 33:79-91; Comments. Stanley L. Falk. 33:92-99; Commentary. Gerald E. Wheeler. 33:99-102 Mar-Apr '80

A Marine Corps choke-point strategy. Capt Gary W. Anderson. illus map US Nav Inst Proc 106:103-104 Apr '80

Naval operations in the Middle East. VADM Gerald E. Miller, Ret. illus Islamic Def Rev 5, No. 1:10-13+ '80

Needed: An 'All-Oceans' Naval Alliance and 'a peacetime constabulary of the seas.' Ray S. Cline. map illus Sea Power 23:39-40+ Apr '80

Shock forces. CDR Robert C. Powers. illus US Nav Inst Proc 106:70-71 Jun '80

The state of the Navy. CDR William S. Hoffman. illus US Nav Inst Proc 106:34-39 Sep '80

Thinking about the future of the Navy. ADM Stansfield Turner, Ret. illus US Nav Inst Proc 106:66-69 Aug '80

History

The Naval War College and the origins of war-planning against Japan. Michael Vlahos. illus Nav War Col Rev 33:23-41 Jul-Aug '80

The U.S. Navy and War Plan Orange, 1933-1940: Making necessity a virtue. Michael K. Doyle. illus Nav War Col Rev 33:49-63 May-Jun '80

STRATTON, Samuel S.

No time for recrimination. (Address, ROA Mid-Winter Banquet, accepting Minute Man of the Year Award) Rep Samuel S. Stratton. por Officer 56:20-22 Apr '80

STREAM CROSSING, MILITARY

Airmobility, a dynamic dimension to river crossing operations. LtCol Jimmy E. Griffis. illus USA Avn Dig 26:8-12 Apr '80

Crossing the Main River. LtCol Dennis K. Culp. illus tab Mil Rev 60:33-42 Feb '80

Preparing tanks for underwater driving. Col R. Ivanov. illus Soviet Mil Rev No. 3:29-30 Mar '80

River crossings, Soviet style. LtCol William P. Baxter, Ret. illus Army 30:39-41 Jul '80

Soviet river-crossing operations. LtCol D. G. Nargele. illus MarCor Gaz 64:60-64 Jul '80

STREET, Oliver D., III

Army air defense: A new role? MajGen Oliver D. Street III and LtCol Kenneth N. Brown. Army 30: 24-29 May '80

Long range air defence. MajGen O.D. Street III and LtCol K.N. Brown. NATO's Fifteen Nations 25: 47-48+ Aug-Sep '80

STRESS (PHYSIOLOGY)

American military performance in Vietnam: Background and analysis. Kurt Lang. J Pol & Mil Sociol 8:269-286 Fall '80

Aviator stress. CW3 William D. Watson. illus tabs USA Avn Dig 26:41-43 Aug '80

The bucking bronco syndrome. Ronald R. Simmons. illus USA Avn Dig 26:44-47 Aug '80

Catecholamine excretion in A-10 pilots. Gary S. Krahenbuhl and others. tabs Aviation, Space & Envmt Med 51:661-664 Jul '80

Coincident loss of consciousness and ventricular tachycardia during +G_z stress. James E. Whinnery and others. illus tab Aviation, Space & Envmt Med 51:827-831 Aug '80

Electroencephalographic correlates of human emotional stress. P.V. Simonov and M.N. Rusalova. tabs Aviation, Space & Envmt Med 51:1109-1111 Oct '80

The Environmental Symptoms Questionnaire: Revisions and new field data. James B. Sampson and John L. Kobrick. tabs Aviation, Space & Envmt Med 51:872-877 Sep '80

Fatigue in aviation operations. CDR Alan Steinman. Aerosp Safety 36:25 May '80

Just what is it I'm supposed to be developing? Or eliminating unnecessary stress. Maj Richard Szfranski. Combat Crew 30:16-18 Oct '80

Learning to live with stress. Paul Pasquarella. illus AF Times 41:39-40 Aug 4 '80

Military effectiveness of Navy men during and after Vietnam. Anne Holberg. tabs Armed Forces & Soc 6:232-246 Winter '80

9 steps toward beating executive stress. LtCol Donald Baines. illus Armed Forces Compt 25:6-9 May '80

Prediction of success in a stressful career by personality attributes. Elchanan I. Meir and Giora Keinan. tab Aviation, Space & Envmt Med 51: 388-390 Apr '80

Psychophysiological monitoring of operator's emotional stress in aviation and astronautics. P.V. Simonov and others. tabs Aviation, Space & Envmt Med 51:46-49 Jan '80

Stress and adaptation: The interaction of the pilot personality and disease. Robert J. Ursano. Aviation, Space, & Envmt Med 51:1245-1249 Nov '80

Stress hits Service women hardest. Karen McKay. AF Times 40:12 Jun 30 '80

Summer operations--no sweat? Don't bet. WgComdr Peter S. Wilkins. illus TAC Attack 20:18-19 Jul '80

STRESS (PHYSIOLOGY) - Continued

Thermal stress. illus Aerosp Safety 36:27 Aug '80

STRESSES see Strains and Stresses

STRIKE COMMAND see Readiness Command

STROM, Oren G.

Teaching Air Force engineering. Col Oren G. Strom. por Mil Engr 72:232-235 Jul-Aug '80

STUBBLEBINE, Albert N., III

ERADCOM provides the Army's electronic thrust. MajGen A.N. Stubblebine III. Def Elect 12:76-78+ Nov '80

SUBMARINE BASES see Naval Bases

SUBMARINE SIMULATORS

Ocean control: U.S. "hydroacoustic anti-operations." Norman L. Stone. illus Mil Elect/Countermeasures 6:24-26 Jan '80

SUBMARINE WARFARE

See also
Antisubmarine Warfare

Coordination in direct support--problems and solutions. illus Signal 34:29-32 Jul '80

ELF (Extremely Low Frequency) debate continues. Col Warren P. Baker, Ret. illus Sea Power 23: 55-57 Apr '80

ELF (Extremely Low Frequency): To communicate with a submerged submarine. Edward L. Beach. illus Def Elect 12:54+ Apr '80

Quietly conventional: A report on the growing strategic importance of conventional submarines. John C. Burton III. illus Def & For Aff 8:16-17+ Nov '80

Soviet wartime submarine strategy analyzed. CAPT William J. Ruhe, Ret. illus Def Elect 12:51-52+ Aug '80

The twelve days of the England (1944). CAPT John A. Williamson, Ret and William D. Lanier. illus map US Nav Inst Proc 106:76-83 Mar '80

SUBMARINES

See also
Submersible Vehicles

Subs for sale: A look at the submarine export market. illus Def & For Aff 8:30-32+ Nov '80

To see and not be seen--that is the problem. illus Def Elect 12:78+ Oct '80

Characteristics

The Walrus class--new submarines for the Dutch Navy. Capt F. de Blocq van Kuffeler, Ret. tab illus (Also cutaway) Intl Def Rev 13, No. 3:356-358 '80

SUBMARINES - ContinuedDetection

Seek and ye shall find: U.S. ASW forces in the 1980s.
Charles N. Dragonette. illus Sea Power 23:18-20+
Oct '80

Germany (Federal Republic)

German submarines--built by Thyssen West Germany's. illus Armada Intl 4:132+ Jul-Aug '80

NATO

Quietly conventional: A report on the growing strategic importance of conventional submarines. John C. Burton III. illus Def & For Aff 8:16-17+ Nov '80

Netherlands

The Walrus class--new submarines for the Dutch Navy. Capt F. de Blocq van Kuffeler, Ret. tab illus (Also cutaway) Intl Def Rev 13, No.3:356-358 '80

Russia

(Soviet) diesel boats forever. CAPT Thomas A. Brooks. illus US Nav Inst Proc 106:105-107 Dec '80

Soviet wartime submarine strategy analyzed. CAPT William J. Ruhe, Ret. illus Def Elect 12:51-52+ Aug '80

United States

Ocean control: The renaissance in submarine communications. R.J. Starkey, Jr. illus map Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80

Quietly conventional: A report on the growing strategic importance of conventional submarines. John C. Burton III. illus Def & For Aff 8:16-17+ Nov '80

SUM (Shallow Underwater Missile): It doesn't add up. Sen E.J. Garn. illus tab Armed Forces J Intl 117: 36-37 Jan '80; Commentary. Sen Mark O. Hatfield. 117:66+ Feb '80

SUM (Shallow Underwater Missile) strategy. Sen Mark O. Hatfield. illus Armed Forces J Intl 117: 35-36 Jan '80

SUM (Shallow Underwater Mobile): The bottom line--a coastal alternative to the Great Wall concept. Merle MacBain. illus Sea Power 22:42-44 Dec '79

Seaborne MX R&D. AF Times 41:7 Sep 22 '80

Strategic laser communications. CDR Thomas F. Wiener. illus tab Signal 35:43-48 Sep '80

The U.S. Navy: Attack submarines. Norman Polmar. illus tab US Nav Inst Proc 106:112-113 Jan '80

History

1,500 miles in a floating dry dock. RADM William T. Nelson, Ret. illus US Nav Inst Proc 106:86-89 Mar '80

SUBMARINES, NUCLEAR POWERED

ASW--the key to sea control. Gowri S. Sundaram. illus Intl Def Rev 13, No.3:367-376 '80

Russia

Ocean control: Dolphins, submarines, speed & surprises. Norman L. Stone. illus Mil Elect/Countermeasures 6:46-48+ Aug '80

A Soviet Navy for the nuclear age. CDR Steve F. Kime. illus Parameters 10:58-70 Mar '80

The wartime role of Soviet SSBNs--Round Two. LCDR Carl H. Clawson, Jr, Ret. illus tabs US Nav Inst Proc 106:64-71 Mar '80

United States

SSBN conversion planned; 'real' goal is 144 SSNs. L. Edgar Prina. illus Sea Power 23:35-36 Mar '80

SSNs: Stalking the Soviet nukes. CAPT Joseph F. Callo. illus Sea Power 22:16-18+ Dec '79

Trident: New meaning in an ancient symbol. Charles N. Dragonette. illus Sea Power 22:25+ Dec '79

The U.S. Navy: Strategic missile submarines. Norman Polmar. US Nav Inst Proc 106:141-142 Mar '80

SUBMERSIBLE VEHICLESRussia

USSR catching up in ocean technology. Larry L. Booda. illus Sea Power 23:33-35 Sep '80

United States

Bottom recovery of undersea ordnance. William D. Ridley and Deam W. Given. illus US Nav Inst Proc 106:137-138 Mar '80

Deep submergence rescue vehicles. LtCol William D. Siuru, Jr. illus US Nav Inst Proc 106:104-107 Jan '80

USSR catching up in ocean technology. Larry L. Booda. illus Sea Power 23:33-35 Sep '80

SUBSISTENCE ALLOWANCES

BAS backed for E-5, above. Tom Philpott. AF Times 41:1+ Dec 1 '80

BAS will benefit 14,000 single NCOs. AF Times 41:2 Dec 29 '80

Cash for meals may be halted. AF Times 40:10 Mar 10 '80

Married fliers seen big gainers in BAS. AF Times 41:4 Sep 22 '80

Meal rates to rise. AF Times 41:26 Nov 3 '80

More singles may get BAS. Tom Philpott. AF Times 41:1+ Dec 15 '80

Plan to halt Loring (AFB, ME), Shaw (AFB, SC) BAS rapped. John Ginovsky. AF Times 40:6 Mar 17 '80

23% BAS boost seen this fall. Bruce Callander. AF Times 41:1+ Sep 15 '80

SUGGESTION PROGRAMS

Everything you ever wanted to know about Air Force suggestion-related modification proposals and AFTO Forms 22. TIG Brief 32:17 Aug 29 '80

Suggestion evaluations: Everybody's business. TIG Brief 32:5 Nov 14 '80

Three means for increasing productivity. TIG Brief 32:14-15 May 30 '80

SUN

The global radio solar telescope network. Robert Seitz and H.Ewen. illus Signal 34:53-56 Jan '80

The sun sentinals. (Air Weather Service's sun observatory in western Australia) SMSgt Dave Sheeder. illus Airman 24:44-48 Oct '80

SUPERIOR PERFORMANCE PAY see Proficiency Pay

SUPERPORTS see Ports

SUPERSONIC FLIGHTSee also

Airplanes, Bomber (Supersonic)
Airplanes, Supersonic
Airplanes, Transport (Supersonic)

SUPERVISION

Is supervisory feedback important? tab TIG Brief 32:6 Apr 18 '80

Maintenance: Who failed? TIG Brief 32:5 May 16 '80

Merit rating: New systems due Oct 1. AF Times 41:10 Sep 8 '80

The mission ... and the man. LtCol Jim Bustle. tabs TAC Attack 20:4-7 Aug '80

Nurse practitioner and physician assistant supervision: Is yours adequate? TIG Brief 32:21 Sep 12 '80

Personnel error. TIG Brief 32:11-12 Oct 17 '80

Pour more energy into human factor. Interview. MajGen Richard Carr. AF Times 41:5 Aug 18 '80

"Productivity"--a direct link to communication. MajGen James E. Light, Jr. illus Combat Crew 30:2-3 Sep '80

Safety supervision (direct and indirect). TIG Brief 32:17 Nov 14 '80

Show me in writing: Or, how to lose a good Air Force member. TIG Brief 32:14 Sep 26 '80

Supervisors: Can you really affect productivity, morale, or career intent? Col Guy H. Winstead, Jr. TIG Brief 32:1-2 Apr 4 '80

Supervisory counseling: You don't have to be a counselor to do it! TIG Brief 32:4 Jan 11 '80

Who's your flight commander? LtCol Delbert F. Miller. illus TAC Attack 20:10-12 Dec '80

SUPPLYSee also

Depots, Supply

Air Force--Russia

The Soviet Air Force supply system. Maj George F. Kalivoda. AF J Log 4:11-15 Spring '80

Air Force--U.S.

Robins (AFB, GA, Special Accounts) Unit (of the Directorate of Distribution's Depot Support Branch) fills hard-to-fill orders. AF Times 41:31 Sep 22 '80

Armed Forces--NATO

NAMSA: The NATO Maintenance and Supply Agency--its role in international logistics. Harry S. Spaulding. illus tabs NATO's Fifteen Nations 24:54+ Dec '79-Jan '80

Army--U.S.

Ammunition resupply. Capt Thomas G. Prutch. illus tabs Armor 89:16-19 Jan-Feb '80

Automated supply--a planner's view. Barry W. McDaniel. Army Log 12:6-9 Jan-Feb '80

Automated supply--an operator's view. Maj Bloomer D. Sullivan. Army Log 12:6-10 Jan-Feb '80

A Delphi approach to wartime supply requirements. LtCol William H. Anckaitis. tabs Log Spectrum 14:5-10 Spring '80

A maintenance nightmare. LtCol Richard P. Diehl. illus Army Log 12:6-11 Sep-Oct '80

POMCUS (Pre-positioned Materiel Configured to Unit Sets)--a bright picture. LtCol Harold J. Hicks. illus Army Log 12:14-16 Sep-Oct '80

POMCUS (Pre-positioned Materiel Configured to Unit Sets): Equipment for readiness in Europe. Mark Swearingen. illus Army Log 12:20-23 Jan-Feb '80

Readiness and strategic mobility. LtGen Arthur J. Gregg. illus Mil Engr 72:410-412 Nov-Dec '80

Red Ball Express. Capt Michael W. Cannon. illus Armor 89:8-10 May-Jun '80

Roundtables and readiness. Maj Dennis G. Heapy. illus Army Log 12:14-16 Mar-Apr '80

The spectre of Isandhlwana. Capt John R. Drebus. illus Armor 89:28-29 Sep-Oct '80

Supplying Europe with repair parts. LtCol Kames K. Hitch. illus Army Log 12:24-26 May-Jun '80

SUPPLY MANAGEMENT

Advantages of a large QSS (Quick Supply Store). Capt David C. Bedard. illus tabs Air Def Mag, pp 11-15, Oct-Dec '80

Dental materiel management. TIG Brief 32:13 Jan 11 '80

Designing a flexible management information system. LtCol Thomas D. Clark, Jr and Capt Douglas J. Blazer. illus Def Mgt J 16:44-48 First Quarter '80

Differential item management for depot recoverable items. TIG Brief 32:8 Apr 18 '80

SUPPLY MANAGEMENT - Continued

Hospital equipment: Custodial responsibility. TIG Brief 32:14 Oct 31 '80

Initial spares provisioning: An exercise in optimization. TIG Brief 32:7 Oct 31 '80

JOPS (Joint Operation Planning System) and resupply: The connection. LtCol Lawrence J. Faessler. AF J Log 4:2-3 Spring '80

The Materiel Deficiency Reporting (MDR) system: A bit of philosophy. TIG Brief 32:9-10 Dec 12 '80

Measures of materiel services management for the administrator. TIG Brief 32:17-18 Oct 17 '80

Potential for waste and abuse in base Retail Sales Store stocking practices. TIG Brief 32:5 Mar 7 '80

Recycling expendable supplies. TIG Brief 32:10 Feb 22 '80

Resources plans management indicators. TIG Brief 32:9-10 Nov 14 '80

Robins (AFB, GA, Special Accounts) Unit (of the Directorate of Distribution's Depot Support Branch) fills hard-to-fill orders. AF Times 41:31 Sep 22 '80

Roundtables and readiness. Maj Dennis G. Heapy. illus Army Log 12:14-16 Mar-Apr '80

Selective management techniques in mechanized requirements computation. TIG Brief 32:9 Feb 22 '80

Supply-customer relations. TIG Brief 32:9-10 Nov 28 '80

Supply problems: What do we do now? TIG Brief 32:8 Apr 18 '80

War reserve materiel review. TIG Brief 32:5 Jun 13 '80

Zero overpricing in Air Force acquisitions. TIG Brief 32:7 May 2 '80

SUPREME ALLIED COMMANDER, ATLANTIC see Allied Command Atlantic

SUPREME ALLIED COMMANDER, EUROPE see Allied Command Europe

SURFACE EFFECT SHIPS see Air Cushion Vehicles

SURGEON GENERALAir Force

The Air Force Surgeon General. illus AF Mag 63: 132-133 May '80

Armed Forces

Medical chiefs (Army's LtGen Charles C. Pixley, Navy's ADM Willard P. Arentzen, AF's LtGen Paul W. Myers) pull no punches on Service care. (Briefing of ROA's National Council) illus Officer 56:16 Apr '80

Meds ban tanning devices, say they harm the skin. AF Times 41:7 Sep 22 '80

SURPLUS PROPERTY

Surplus (military) planes said to be used in drug racket. Len Famiglietti. AF Times 40:3 Jun 16 '80

SURPRISE IN WARFARE

Designing a beartrap ambush. Capt G. R. Wright. illus MarCor Gaz 64:24-26 Feb '80

Independent operations. Maj-Gen L. Korzun. illus Soviet Mil Rev No. 4:26-28 Apr '80

Surprise. Col B. Frolov. illus Soviet Mil Rev No. 9: 27-29 Sep '80

Surprise actions. Col M. Loginov. illus Soviet Mil Rev No. 11:25-27 Nov '80

Surprise and change in international politics. Michael I. Handel. illus tabs Intl Sec 4:57-85 Spring '80

The Warsaw Pact short-warning nuclear attack: How viable an option? Maj Donald L. Mercer. illus Mil Rev pt 1, 60:23-32 Oct '80; pt 2, 60:28-36 Nov '80

SURVEILLANCE

Advanced concepts for tactical surveillance and target acquisition. Col Donald J. Stukel. illus Signal 35: 45-47 Oct '80

Air Force C³ technologies. LtGen Robert T. Marsh. illus Signal 35:32-36 Sep '80

Command, control and communications in the future. (Presentation, 16th Annual Meeting, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) LtGen Robert T. Marsh. AF Ploy Ltr for Comdrs: Sup, pp 30-40, Aug '80

Competition for Swiss radar order tightens. Felix Müller. illus Armada Intl 4:54+ Sep-Oct '80

FAA, AF meld radar nets. Stephanie A. Carter. illus AF Times 40:14 Mar 3 '80

RDSS (Rapidly Deployable Surveillance System): New ASW system that will use air-droppable sensors. illus Def Elect 12:33 Aug '80

REMBASS (REmotely Monitored Battlefield Sensor System)--the U.S. Army's new battlefield sensor system. Gowri S. Sundaram. illus tabs Intl Def Rev 13, No. 4:531-535 '80

Rising demand for surveillance radars. Robert Heck. illus Armada Intl 4:36+ Jan-Feb '80

Special mission aircraft: Gates Learjet. illus tab Asian Def J No. 3:90-92 May-Jun '80

Surveillance boosted for Iran-Iraq War. Jay Miller. illus AF Times 41:38 Oct 27 '80

"Touch of gold"--MIDAS (Military Intelligence Detachment (Aerial Surveillance)) Alaska. Sgt1C Don Carr and SP5 Greg Thomas. illus USA Avn Dig 26: 42-44 Apr '80

SURVEYING

A call to adventure. (USAF's Geodetic Survey Squadron) Capt Dick Sheffield. illus Airman 24:16-20 Feb '80

SURVEYING - Continued

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Equipment

FILS (Ferranti Inertial Land Surveyor): Position, height, and bearing in real time. Stefan Geisner. illus Def Elect 12:51-53 Jun '80

SURVEYING BY AIR

Aerial survey photography. Marc Grangier. illus Interavia 35:1050-1054 Nov '80

North to Alaska. (Alaskan aerial survey expedition, 1928) ADM Arthur W. Radford, Ret. illus US Nav Inst Proc 106:78-83 Sep '80

SURVEYS

Assignment poll: Most dislike setup. John Ginovsky. AF Times 41:11 Dec 8 '80

The Environmental Symptoms Questionnaire: Revisions and new field data. James B. Sampson and John L. Kobrick. tabs Aviation, Space & Envmt Med 51:872-877 Sep '80

How "Surveys & Investigations" helps Congress cut waste. illus Govt Exec 12:41-42 Apr '80

Information collections from the public. TIG Brief 32:15 Dec 12 '80

Malaysian national security from the bureaucrat's eye: A preliminary analysis. Zara Dian. illus map tabs Asian Def J No. 4:8-10+ Jul-Aug '80

Program evaluations: A survey technique that gets out in front of the problem. tabs Govt Exec 12:24-26 Sep '80

Senate DOPMA unpopular in poll. AF Times 40:4 Jun 2 '80

Vote poll (1980 Post-election Voting Survey) to reach 17,000. AF Times 41:16 Nov 24 '80

Workers surveyed on sexual harassment. Don Mace. AF Times 40:2 Jun 16 '80

SURVIVAL

See also
Civil Defense
Evasion and Escape

Accidents--a different approach: Attitudes and priorities. Maj Wiley E. Greene. illus TAC Attack 20:24-25 Mar '80

PW: Encounters of the worst kind. William E. Hardy. illus Aerosp Safety 36:24-26 Jan '80

Rescue--the round trip ticket. Capt Dick Mullery. illus TAC Attack 20:24-26 Apr '80

Sport scuba diving by USAF aircrew members. LtCol Bruce E. Bassett. illus tab Aerosp Safety 36:5-7 Jul '80

Surrounded! Maj Roger A. Grugle. illus Army 30:22-26 Dec '80

SURVIVAL - Continued

Survival. Regular feature in some issues of Aero-space Safety

Survival: Drownproofing. MSgt Steve Krestian. illus Aerosp Safety 36:10-12 Jul '80

Survival: May be a snare (for animals). SSgt James E. Marisch. illus Aerosp Safety 36:12-13 Sep '80

Survival: Thinking cool. MSgt Donald R. McLaughlin. illus Aerosp Safety 36:16-19 Dec '80

Study and Teaching

Red Flag lessons learned. SrAmn Peter J. Carroll. illus Aerosp Safety 36:16-17 May '80

SURVIVAL EQUIPMENT

AVRADCOR's aviation life support developments. Robert A. Matthews. USA Avn Dig 26:10-11 Aug '80

CD man revisited. Col Richard Pilmer and MSgt Christopher R. Yancey. illus TAC Attack 20:4-7 Jan '80

Crime and punishment. TIG Brief 32:6 Oct 31 '80

Pilot combat survival takes new aim in '80s. illus AF Times 40:14 Mar 10 '80

Pop goes the life raft! Pat Henry and Frank Manie. illus Aerosp Safety 36:4-5 Jan '80

Rescue--the round trip ticket. Capt Dick Mullery. illus TAC Attack 20:24-26 Apr '80

The thermal properties of a survival bag incorporating metallised plastic sheeting. I.M. Light and J.N. Norman. tabs Aviation, Space & Envmt Med 51:367-370 Apr '80

The thermal protection offered by lightweight survival systems. I.M. Light and others. tabs Aviation, Space & Envmt Med 51:1100-1103 Oct '80

SURVIVAL TRAINING

Brooks (AFB, TX) 'vacationers' (medical students enrolled in the Air Force Health Professional Scholarship Program) get taste of survival. Beth Pynus. AF Times 41:18 Sep 15 '80

Survival: Drownproofing. MSgt Steve Krestian. illus Aerosp Safety 36:10-12 Jul '80

Survival: May be a snare (for animals). SSgt James E. Marisch. illus Aerosp Safety 36:12-13 Sep '80

Yellow cloud. (Survival in a chemical environment) Maj Gary E. Shumaker. illus Soldiers 35:45-47 Dec '80

SURVIVORS RIGHTS AND BENEFITS

Auditors slap DOD on SBP doings. AF Times 40:11 Feb 4 '80

Base housing: A perceived entitlement. TIG Brief 32:7-8 May 16 '80

Bill would free 12,500 disabled from continuing to pay into SBP. AF Times 40:3 Apr 7 '80

SURVIVORS RIGHTS AND BENEFITS - Continued

Bill would let some disabled vets stop SBP. AF Times 40:8 Jun 2 '80

Carter expected to OK bill giving SBP boost. Martha Lynn Craver. AF Times 41:1+ Oct 6 '80

Disabled spouses may be eligible for new benefits. Officer 56:16 Dec '80

House (Armed Services) Committee okays SBP bill. AF Times 41:3 Sep 8 '80

Information on SBP called 'misleading.' AF Times 41:16 Sep 22 '80

Major changes in SBP detailed. Martha Lynn Craver. AF Times 41:4 Nov 3 '80

Plan for tomorrow ... Helen Kay Ellsworth. tabs Soldiers 35:50-52 Jul '80

Retiree raise seems OK, end to 1-hike effort seen. Martha Lynn Craver. AF Times 41:1+ Sep 1 '80

Retirees must choose one benefit system. AF Times 40:14 Feb 18 '80

Retirees' survivors overpaid, DAS (Defense Audit Service) says. AF Times 41:25 Sep 15 '80

SBP passes Senate, goes to House. AF Times 40:2 Jun 9 '80

SBP program: Senate plan would hike widows' \$\$\$. Martha Lynn Craver. AF Times 40:3 May 12 '80

Senate panel (Armed Services Committee) OKs plan to revise SBP. AF Times 40:2 May 26 '80

Senate's SBP version nears House panel OK. Martha Craver. AF Times 41:1+ Aug 4 '80

Survivors Benefit Plan is law. Editorial. Officer 56:12 Nov '80

SVALBARDStrategic Importance

Svalbard: Flashpoint of the far North? Thomas Ries. illus maps Intl Def Rev 13, No.3:335-339 '80

SVENDSEN, Leroy W., Jr

Air Force Military Personnel Center. por AF Mag 63:114 May '80

Military service: The profession of arms. MajGen L.W.Svensen, Jr. TIG Brief 32:1-2 May 30 '80

Pilots who only fly. (Presentation, 21st Tactical Fighter Wing Dining-In, Elmendorf AFB, AK, Nov 30, 1979) MajGen L.W.Svensen, Jr. AF Ploy Ltr for Comdrs: Sup, pp 37-40, Jun '80

SWITCHING SYSTEMS

Bridging the gap--analog to digital tactical switching. LtCol Ray E.Huebner and Brian T.Wright. illus tabs Signal 35:41-46 Nov '80

The next generation CONUS AUTOVON. Martin A. Thompson and Tom M.Shimabukuro. tabs illus Signal 34:75-80 Feb '80

SWITCHING SYSTEMS - Continued

Switched networks. (Convention panel, AFCEA, Washington, June 24, 1980) L.C.Seifert and others. illus Signal 34:44-47 Aug '80

SYSTEMS ANALYSISSee also

Economic Analysis

Front-end analysis for emerging systems. CDR Joseph F.Funaro and J.D.Fletcher. illus Def Mgt J 16:33-37 Fourth Quarter '80

Procurement: Government's newest non-system. Robert Hall. tab Govt Exec 12:34-36 Nov '80

Systems analysis: The big bingo game in the basement of the Pentagon. R.James Woolsey. illus Armed Forces J Intl 117:35-36 Mar '80

A systems approach to communications, command, control and intelligence. (Address, Greater Los Angeles Chapter, AFCEA, Dec 1979) Gerald P. Dinneen. illus Signal 34:8-12 Feb '80

SYSTEMS ENGINEERING

Applying computer technology to training systems. Charles E.Lindahl. illus Def Mgt J 16:38-43 Fourth Quarter '80

Congress will force the hard choices on Army. Michael A.West. illus Govt Exec 12:28-31 Nov '80

Early and complete identification of system hazards. TIG Brief 32:21-22 Dec 12 '80

A look at the independence of Federal contract research centers. LtCol Timothy J.McGrath. illus Def Sys Mgt Rev 3:77-83 Spring '80

An overview of training-systems development. Allen Collier. illus Def Mgt J 16:2-5 Fourth Quarter '80

Supportability: The fourth dimension in systems acquisition. TIG Brief 32:11 Jun 13 '80

Survivability: A critical aspect of system acquisition. TIG Brief 32:12 Aug 29 '80

System architecture for the Hellenic National Defense Integrated Communication System (HNDICS). BrigGen Demetrios Matsoukas and Robert E.Britton. illus map tab Signal 34:69-74 Feb '80

System engineering--the key to effective transition/evolution of Army C³ systems. MajGen Emmett Paige, Jr. Signal 34:17-21 Jul '80

System safety program milestones. TIG Brief 32:20 Sep 12 '80

System security engineering. TIG Brief 32:5 Jan 11 '80

The tactical man-machine interface. James A.Lohr. illus Signal 35:25-28 Oct '80

Ten rules of thumb. David Israel. Signal 34:37-38 Jul '80

User support of system safety efforts. TIG Brief 32:8 Oct 17 '80

TOPCAP (Total Objective Plan for Career Airman Personnel)

The controlled maneuver (TOPCAP). Editorial. AF Times 40:19 Jul 21 '80

Fine-tuning enlisted incentives. Ed Gates. illus AF Mag 63:56-59 Apr '80

TRADOC see Training and Doctrine Command

TRI-TAC PROGRAM

Bridging the gap--analog to digital tactical switching. LtCol Ray E. Huebner and Brian T. Wright. illus tabs Signal 35:41-46 Nov '80

The challenging environment of C3I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

The hang-up in force modernization: Not enough procurement dollars. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:30-31+ Aug '80

TROA see Retired Officers Association

TACAN

ALCENT (AirLift CENTER): The MAC testing house. Maj William D. Harman. illus Airlift Ops Rev 2: 21-26 Jul-Sep '80

Getting to the fix on time. Capt Paul T. Shorrock. illus Combat Crew 30:16-17 May '80

TACTICAL AIR COMMAND

See also

Air Force, 9th
Air Force, 12th

Flying in the dirt. (MAC pilots are trained to avoid detection by the enemy during Red Flag training at Nellis AFB, NV) TSgt Alan Prochoroff. illus Airman 24:11-16 Nov '80

GO (BrigGen W. Troy Tolbert) heads wing that failed test. AF Times 41:15 Sep 8 '80

Green Flag now defines electronic warfare as an offensive weapon. Majs Frank A. Parker and Arthur W. Ritter. illus Def Elect 12:59-60+ Oct '80

The IDEA (Individual Development and Educational Advancement) is to make the 3 R's easier. AF Times 40:13 Mar 17 '80

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79; pt 3, 20:18-19 Jan '80

On the edge of the Mohave. (Air National Guard units in Exercise Red Flag) illus Natl Guard 34:14-16 Aug '80

Red Flag: Realistic training for air combat. Maj J.P. Kelly. illus MarCor Gaz 64:84-86 May '80

Tactical Air Command. illus charts AF Mag 63:94-96 May '80

TACTICAL AIR COMMAND - Continued

Tactical Air Command 1980. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen Robert C. Mathis. AF Pkcy Ltr for Comdrs: Sup No.2:31-37 Feb '80

Tactical air training--the Red Flag concept. Gen Theodore Ross Milton. illus NATO's Fifteen Nations 25:36+ Aug-Sep '80

'Weekend warriors' aid TAC in Panama. SSgt Glenn S. Willerforde. AF Times 40:31 Apr 28 '80

TACTICAL AIR FORCES

NATO

The Air Forces of NATO. Gen H.F. Gundersen and others. illus NATO's Fifteen Nations Special Issue No.2: entire issue '79

Close air support in modern warfare. WgComdr Jeremy G. Saye. illus tab AU Rev 31:2-21 Jan-Feb '80

In NATO's front line--U.S. air defense in Germany. Mark Lambert. illus chart Interavia 35:915-919 Oct '80

Marine air operations in northern Europe. Maj Robert J. O'Rourke. illus tab US Nav Inst Proc 106: 53-59 Nov '80

Tactical air operations: Problems over the battlefield. LtGen Ernst-Dieter Bernhard. illus NATO's Fifteen Nations Special Issue No.2:12-13+ '79

Tactical air power within NATO--a growing convergence of views. Maj Donald J. Alberts. AU Rev 31: 59-70; Responses. Maj Price T. Bingham and LtCol Owen H. Wormser. 31:70-73 Mar-Apr '80

United States

(Airlift issues) (Interview with Col Robert B. Patterson) Maj Edward F. Wittel. illus Airlift Ops Rev 2:2-8 Jul-Sep '80

Close Look II. LtCol William D. Forsythe. illus Airlift Ops Rev 2:13-20 Jul-Sep '80

How ASD is meeting the needs of the nineties. LtGen Lawrence A. Skantze. illus chart AF Mag 63:37-43 Oct '80

JAAT--the Joint Air Attack Team lives! Majs Thomas A. Green and Michael V. Sullivan. illus USA Avn Dig 26:7-9 Sep '80

Lethal against armor: The Joint Air Attack Team. William P. Schlitz. illus AF Mag 63:44-50+ Sep '80

Navy, USAF prevail--for the moment--in dispute with OSD on future of tac air. Benjamin F. Schemmer. illus Armed Forces J Intl 117:40-41 Aug '80

Peacetime training vs wartime role. MajGen Charles F.G. Kuyk, Jr, Ret. illus tab Airlift Ops Rev 2: 11-12 Jul-Sep '80

Pentagon, White House, and Congress concerned over tactical aircraft complexity and readiness. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 117:28-30+ May '80

TACTICAL AIR FORCES - ContinuedUnited States - Cont'd

SecDef Brown's memo on tac air readiness. Armed Forces J Intl 117:29-30+ May '80

TASVAL. (Joint Army-Air Force-Marine Corps test of tactical air power) LtCol Lowell G. La Rue. illus Air Def Mag, pp 26-29, Jan-Mar '80

Tactical air warfare--the next 20 years. (Presentation, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) BrigGen Robert Russ. AF Ploy Ltr for Comdrs: Sup, pp 7-12, Jul '80

Tactical strike reconnaissance: Airpower's oldest profession. Ken Nolde. illus Def & For Aff 8: 14-16+ Oct '80

Tomorrow's war today. BrigGen Jerry Max Bunyard. illus AF Mag 63:64-67 Oct '80

The ultimate umbrella: Status report on Marine Corps Aviation. Richard A. Gustafson and others. illus Sea Power 23:37-39+ Jun '80

Warsaw Pact

Tactical air operations: Problems over the battlefield. LtGen Ernst-Dieter Bernhard. illus NATO's Fifteen Nations Special Issue No.2:12-13+ '79

TACTICAL COMMUNICATIONSSee also

TRI-TAC Program

Advanced concepts for tactical surveillance and target acquisition. Col Donald J. Stukel. illus Signal 35: 45-47 Oct '80

Air Force and Marine Corps develop new portable radio. Signal 34:102 Feb '80

Air Force C³ technologies. LtGen Robert T. Marsh. illus Signal 35:32-36 Sep '80

Application of fiber optics to tactical communications systems. Col Joseph M. Corvino, Ret and Bernard D. DeMarinis. tabs illus Signal 34:55-62 Feb '80

An application of packet communications techniques to improve the Navy C² process. Thomas Barry Hughes. tabs illus Signal 34:49-54 Feb '80

Assessing HF propagation conditions in real time. John Beach. illus Def Elect 12:21-22 May '80

Bridging the gap--analog to digital tactical switching. LtCol Ray E. Huebner and Brian T. Wright. illus tabs Signal 35:41-46 Nov '80

C³ for tactical nuclear forces in Europe. John Morgenstern. illus Signal 35:57-58 Dec '80

The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

Command and control in the 80s. (Convention panel, AFCEA, Washington, June 25, 1980) RADM Frederick C. Johnson and others. illus maps Signal 34: 61-62+ Aug '80

Coordination in direct support--problems and solutions. illus Signal 34:29-32 Jul '80

TACTICAL COMMUNICATIONS - Continued

Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. illus Signal 35:9-12+ Oct '80

The crystal ball is soft and fuzzy: Predicting communications requirements for future Marine Corps tactical data systems. LtCol J.H. Wickens. illus Signal 34:63-67 Feb '80

Evaluating concepts for C³ systems. Maj William G. Kemple and others. illus tabs Mil Elect/Countermeasures 6:56+ Sep '80

Fiber optic communication systems for the U.S. Army. Alexander Mondrick and James Wright. tabs Signal 35:31-32+ Nov '80

Green Flag now defines electronic warfare as an offensive weapon. Majs Frank A. Parker and Arthur W. Ritter. illus Def Elect 12:59-60+ Oct '80

Hand-held tactical terminals. Robert L. Felling. illus Mil Elect/Countermeasures 6:50+ Apr '80

JINTACCS (Joint Interoperability of Tactical Command and Control Systems). MajGen Clay T. Buckingham. illus tab Signal 34:53-54+ May-Jun '80

Millimeter wave radio. J.W. Strozyk and others. tabs Signal 35:49-54 Nov '80

NATO C³ issues. Gen Bernard W. Rogers and others. illus Signal 35:9-10+ Dec '80

New communications jamming systems surfacing. Richard Hartman. tab Def Elect 12:49-50+ Feb '80

Rapid deployment force C³. (Convention panel, AFCEA, Washington, June 26, 1980) RADM Jerry O. Tuttle and others. illus Signal 34:75+ Aug '80

SOTAS (StandOff Target Acquisition System)--catalyst for the combined arms team. Col Wayne B. Davis. illus Signal 35:31-34 Oct '80

Spread spectrum technology. (Convention panel, AFCEA, Washington, June 25, 1980) J.N. Birch and others. illus tab Signal 34:49+ Aug '80

System engineering--the key to effective transition/evolution of Army C³ systems. MajGen Emmett Paige, Jr. Signal 34:17-21 Jul '80

A systems approach to communications, command, control and intelligence. (Address, Greater Los Angeles Chapter, AFCEA, Dec 1979) Gerald P. Dinneen. illus Signal 34:8-12 Feb '80

Tactical A/C: Supporting corps rear to front line. Anthony M. Valletta. illus Army 30:25-28 Apr '80

Tactical communications in the Republic of Korea. Col Donald B. Griggs. illus Signal 35:22-28 Nov '80

Tactical communications--the linkage between C² and I. James H. Babcock. illus Signal 35:11+ Nov '80

Testing of the Army's interoperating network of tactical C³I systems. Grady H. Banister, Jr. illus Signal 34:45-47 Feb '80

Wavell trials successful: Stage 2 now under way. illus Intl Def Rev 13, No.2:275-276 '80

TACTICAL FORCES see General Purpose Forces;
Tactical Air Forces

TACTICAL WARFARE

- The active defense. Capt Wayne M. Hall. illus Armor 89:12-15 May-Jun '80
- The big guns: In Red Army still the 'king of battle.' illus tab Army 30:29-31 Sep '80
- C³ for tactical nuclear forces in Europe. John Morgenstern. illus Signal 35:57-58 Dec '80
- Deep-strike interdiction. Charles E. Myers, Jr. illus US Nav Inst Proc 106:47-52 Nov '80
- Eurostrategy--theatre nuclear weapons. Frederick Bonnard. illus NATO's Fifteen Nations 25:48-49+ Apr-May '80
- The moral dimensions of tactical nuclear weapons in Europe. LtCol Philip W. Dyer. illus Parameters 10:44-50 Jun '80
- NATO's "first nuclear use": A deepening trap? Fred Charles Klei. illus Strat Rev 8:18-23 Winter '80
- 'One-up and two-back'? Gen William E. DePuy, Ret. illus tab Army 30:20-25 Jan '80
- The pragmatics of precision guided munitions. LtGen Donald Keith. illus Signal 35:19-22 Sep '80
- Soviet tactics for overcoming NATO antitank defenses. C.N. Donnelly. (Reprinted from International Defense Review, No. 7, 1979) Infantry pt 1, 70:20-26 Sep-Oct '80; pt 2, 70:16-23 Nov-Dec '80
- Tactical air operations: Problems over the battlefield. LtGen Ernst-Dieter Bernhard. illus NATO's Fifteen Nations Special Issue No. 2:12-13+ '79
- The tactical man-machine interface. James A. Lohr. illus Signal 35:25-28 Oct '80
- Tactical nuclear weapons: The forgotten facet of naval warfare. CAPT Linton F. Brooks. illus US Nav Inst Proc 106:28-33 Jan '80
- Tactical warfare developments into the 1980's. Robert A. Moore. illus Natl Def 65:22-27+ Aug '80
- Toward a tactical nuclear doctrine. LtCol Andrew E. Andrews. illus tab Mil Rev 60:12-19 Oct '80
- Whatever happened to ... tactical nuclear warfare. Maj William D. Brown. illus tab Mil Rev 60:46-53 Jan '80

Equipment

- Tactical air warfare--the next 20 years. (Presentation, American Institute of Aeronautics and Astronautics, Baltimore, May 7, 1980) BrigGen Robert Russ. AF Ploy Ltr for Comdrs: Sup, pp 7-12, Jul '80

Study and Teaching

- 'You fight like you train.' Mark E. Berent. illus AF Mag 63:44-49 Dec '80

TACTICS

- See also
Attack and Defense (Military Science)

TACTICS - Continued

- Assault Breaker. Konrad Alder. illus Armada Intl 4:50-52+ Jan-Feb '80
- The big guns: In Red Army still the 'king of battle.' illus tab Army 30:29-31 Sep '80
- Bypassed enemy forces and the corps attack. Maj Joseph J. Angsten, Jr. illus Mil Rev 60:69-74 Jan '80
- Close Look II. LtCol William D. Forsythe. illus Air-lift Ops Rev 2:13-20 Jul-Sep '80
- The commanding officer's tactical skills. VAdm V. Kruglyakov. illus Soviet Mil Rev No. 6:9-12 Jun '80
- Continuous operations. LtCol M.G. Hunt-Davis and Maj D.M. Freeman. RUSI J for Def Studies 125: 11-15 Sep '80
- Designing a beartrap ambush. Capt G.R. Wright. illus MarCor Gaz 64:24-26 Feb '80
- Development of defensive tactics (on the experience of the Great Patriotic War). Col G. Ionin. Soviet Mil Rev No. 1:34-35 Jan '80
- FM 100-5 revisited. Gen William E. DePuy, Ret. illus Army 30:12-17 Nov '80
- Field artillery survivability. LtCol G.S. Orr and others. illus tab Fld Arty J 48:8-21 May-Jun '80
- The force design dilemma. LtCol Andrew P.O'Meara, Jr. illus Army 30:16-23 Mar '80
- Gain the initiative with an armored raid. Capt Richard P. Geier. illus Mil Rev 60:48-57 Jun '80
- Independent operations. Maj-Gen L. Korzun. illus Soviet Mil Rev No. 4:26-28 Apr '80
- The lost lesson of Vietnam. LtCol Forrest K. Kleinman, Ret. illus Mil Rev 60:64-71 Aug '80
- Maneuver in naval warfare. CDR Linton Wells II. illus tabs US Nav Inst Proc 106:34-41 Dec '80
- 'One-up and two-back'? Gen William E. DePuy, Ret. illus tab Army 30:20-25 Jan '80
- Operations in the enemy rear--Soviet doctrine and tactics. C.N. Donnelly. illus Intl Def Rev 13, No. 1:35-41 '80
- The prevention of preemptive attack. CAPT Frank Andrews, Ret. illus US Nav Inst Proc 106:126-139 May '80
- Regain the technological advantage. Clifford D. Bradley. illus tabs Natl Def 65:40-43+ Oct '80
- River crossings, Soviet style. LtCol William P. Baxter, Ret. illus Army 30:39-41 Jul '80
- Some lessons from the Israelis. Maj William C. Fite. illus MarCor Gaz 64:32-38 Sep '80
- Soviet doctrine responds to antitank missile threat. LtCol William P. Baxter, Ret. illus Army 30:29-32 Aug '80
- Soviet mountain warfare operations. C.N. Donnelly. illus tabs Intl Def Rev 13, No. 6:823-834 '80

TACTICS - Continued

Soviet tactics for overcoming NATO antitank defenses. C.N. Donnelly. (Reprinted from International Defense Review, No. 7, 1979) Infantry pt 1, 70:20-26 Sep-Oct '80; pt 2, 70:16-23 Nov-Dec '80

Soviet tactics in Afghanistan. Edgar O'Ballance. illus Mil Rev 60:45-52 Aug '80

A successor to the Sea Harrier? Comdr M. Forrest. illus RUSI J for Def Studies 125:34-39 Mar '80

Surrounded! Maj Roger A. Grugle. illus Army 30: 22-26 Dec '80

Tactical briefing. Lt-Col Yu. Chinkov. illus Soviet Mil Rev No. 4:40-41 Apr '80

History

Special forces of the Plains. (Solomon Avengers, Army scouts against the Indians, 1868) Michael L. Starr. illus Army 30:43-45+ Feb '80

Study and Teaching

DFWES (Direct Fire Weapons Effects Simulation)--a new helicopter anti-tank simulation system. illus Intl Def Rev 13, No. 2:257-258 '80

The National Training Center (Fort Irwin, CA): The next thing to the ultimate realism. Col James B. Agnew. map illus Army 30:30-36 Feb '80

TACTICS, AIR

The emperor's close air support. GpCapt Ian Madelin. illus AU Rev 31:82-86 Nov-Dec '79; Comment. MajGen John E. Ralph. 31:95-96; Comment. LtCol Robert B. Savage, Jr. 31:96-100; Comment. Maj Patrick J. Finneran, Jr. 31:100-103; Comment. Maj Lawrence G. Kelley. 31:103-104; Response. GpCapt Ian Madelin. 31:104-105 May-Jun '80; Comment. Maj Michael O. Beck. 31:97-101 Sep-Oct '80

Flight lead responsibilities. Maj Mike Ridnour. illus TAC Attack 20:4-6 Sep '80

Marine Tacair--a different view. Col Frederick P. Anthony. MarCor Gaz 64:30+ May '80

The need to know. Capt Don Rightmyer. illus USAF Ftr Wpns Rev, pp 23-26, Spring '80

Oop, rob, jink ... and live. Capt John W. Gorman. illus USAF Ftr Wpns Rev, pp 14-17+, Spring '80

Situational awareness. Maj Don Waddell and Blake Morrison. illus USAF Ftr Wpns Rev, pp 2-6, Winter '79

What is close air support? GpCapt Ian Madelin. (Reprinted from Air University Review, Nov-Dec 1979) illus Armor 89:16-21 Jul-Aug '80

Study and Teaching

Can we teach judgement? C.B. Stoddard. illus TAC Attack 20:12-14 Nov '80

Fire counter fire: Bureaucratic tactics. William S. Lind. AU Rev 31:87-89; Responses. Capt James B. Smith and Maj Leonard L. Walls. 31:89-93 Jan-Feb '80

TACTICS, AIR - ContinuedStudy and Teaching - Cont'd

Flying in the dirt. (MAC pilots are trained to avoid detection by the enemy during Red Flag training at Nellis AFB, NV) TSgt Alan Prochoroff. illus Airman 24:11-16 Nov '80

High rolling in Vegas (in Exercise Red Flag). Gerald H. Smith. illus Air Reservist 32:8-9 Dec '79-Jan '80

On the edge of the Mohave. (Air National Guard units in Exercise Red Flag) illus Natl Guard 34:14-16 Aug '80

Realistic training. Capt Jon Goldenbaum. illus USAF Ftr Wpns Rev, pp 21-22, Spring '80

The TACTS (Tactical Aircrew Combat Training System)/ACMI (Air Combat Maneuvering Instrumentation) microcosm. Phillip R. Craven. illus Sea Power 23:41-42 Dec '80

Tackling tactics together. (Pilots from central European nations learn to work together at the Tactical Leadership Program, Jever AB, Ger) Capt Katie Cutler. illus Airman 24:43-48 Dec '80

Tactical Air Command 1980. (Presentation, Air Force Assoc National Symposium, Los Angeles, Oct 26, 1979) LtGen Robert C. Mathis. AF Plcy Ltr for Comdrs: Sup No. 2:31-37 Feb '80

Ten missions ahead: At Red Flag, MAC crews get shot down and live to learn from it. 1stLt Ben Rich. illus MAC Flyer 27:4-5 Oct '80

TAIWAN see China (Republic)

TALLMAN, Kenneth L.

Air Force Academy. por AF Mag 63:125 May '80

Putting the Air Force into the cadet environment. LtGen K.L. Tallman. TIG Brief 32:1-2 Jul 11 '80

TANK WARFARE see Armored Warfare

TANKERS

Docking facilities for tankers: An offshore construction challenge. CAPT Custer F. Krickenberg, Jr., Ret. illus Mil Engr 72:178-180 May-Jun '80

Flags of convenience or flags of necessity? CAPT Albert T. Church, Jr., Ret. illus US Nav Inst Proc 106:52-57 Jun '80

Will terrorism go to sea? Merle Macbain. illus Sea Power 23:15-24 Jan '80

TANKS, MILITARY

Air defence of land forces in the 1980s. Col Norman L. Dodd. illus Asian Def J No. 2:62-63+ Mar-Apr '80

The antitank ditch--reviving an old concept. John F. Rybicki. illus tab Mil Engr 72:418-421 Nov-Dec '80

Tank-automotive news. Regular feature in some issues of National Defense

TANKS, MILITARY - Continued

Tank--war machine for land combat. Joseph E. Backofen, Jr. illus Armor 89:10-12 Jan-Feb '80

Trends in tank technology. Richard M.Ogorkiewicz. illus Armor 89:8-14 Jul-Aug '80

Armament

AMX 32: The latest French battle tank. R.M. Ogorkiewicz. illus tabs Intl Def Rev 13, No.7: 1082-1086 '80

Abrams-XM1. illus NATO's Fifteen Nations 25:66+ Oct-Nov '80

Is the XM1 tank obsolete? George Custance. illus Natl Def 65:60-62+ Oct '80

The 120-mm tank gun and its ammunition--prospects for further performance improvements. Raimund Germershausen. illus tab Intl Def Rev 13, No.6: 899-901 '80

Teledyne's Super M60 battle tank. R.M.Ogorkiewicz. illus tabs Intl Def Rev 13, No.8:1237-1241 '80

Trends in tank technology. Richard M.Ogorkiewicz. illus Armor 89:8-14 Jul-Aug '80

Turrets, guns and ammunition. Emile Pettecks-Snider. illus Asian Def J No.6:132-133+ Nov-Dec '80

The U.S. Army's Infantry and Cavalry Fighting Vehicles. David G.Holmes. illus tabs Intl Def Rev 13, 7:1075-1081 '80

Up-gunning the Marder. illus tab Intl Def Rev 13, No.5:712-714 '80

Study and Teaching

Simfire: Tank gunnery and tactical simulation. Michael W.Wilson. illus Natl Def 64:28-31 Feb '80

Characteristics

Abrams-XM1. illus NATO's Fifteen Nations 25:66+ Oct-Nov '80

Development of fire control equipment. Capt Michael R.Matheny. illus Armor 89:40-43 Mar-Apr '80

A flexible hybrid: AMX 10 PAC 90. John S.Philipp. illus Asian Def J No.1:92-95 Jan-Feb '80

French fighting vehicles. Col P.A.Loubens and LtCol R.R.Taylor, Jr, Ret. illus Armor 89:41-45 May-Jun '80

Teledyne's Super M60 battle tank. R.M.Ogorkiewicz. illus tabs Intl Def Rev 13, No.8:1237-1241 '80

Threat: The claw of the bear. (Russian tanks) Maj Frank Babiasz and Capt Carl E.Daschke. illus tab USA Avn Dig 26:14-16 Mar '80

The Vickers Valiant battle tank--a preliminary description. R.B.Pengelly. illus tab Intl Def Rev 13, No.3:395-399 '80

TANKS, MILITARY - ContinuedDesign

AMX 32: The latest French battle tank. R.M. Ogorkiewicz. illus tabs Intl Def Rev 13, No.7: 1082-1086 '80

First production XM1s handed over. illus Intl Def Rev 13, No.3:317-318 '80

MTU tank propulsion technology. Karlheinz Gebhardt. illus Armada Intl 4:10+ May-Jun '80

Teledyne's Super M60 battle tank. R.M.Ogorkiewicz. illus tabs Intl Def Rev 13, No.8:1237-1241 '80

The U.S. Army's Infantry and Cavalry Fighting Vehicles. David G.Holmes. illus tabs Intl Def Rev 13, 7:1075-1081 '80

XM-1 mobility fixes prove out; weight growth poses new dilemma. Benjamin F.Schemmer. illus Armed Forces J Intl 117:16+ Jan '80

Maintenance and Repair

Before an offensive. (Technical support of a tank battalion) Col D.Ryazantsev. illus Soviet Mil Rev No. 10:34-36 Oct '80

A "new" tank on the block. Cathy Hardman and Bob Black. illus Armor 89:13-15 Sep-Oct '80

POPMS (Performance-Oriented Preventive Maintenance Services)--a concept that works. CW4 H.G. Maddox. tabs Army Log 12:17-19 Jan-Feb '80

Power Plants

First production XM1s handed over. illus Intl Def Rev 13, No.3:317-318 '80

MTU tank propulsion technology. Karlheinz Gebhardt. illus Armada Intl 4:10+ May-Jun '80

Teledyne's Super M60 battle tank. R.M.Ogorkiewicz. illus tabs Intl Def Rev 13, No.8:1237-1241 '80

Safety Measures

AFV fuel fire suppression--a three-sensor system from Gravier. R.J.L.Dicker. illus tabs Intl Def Rev 13, No.8:1242-1244 '80

Study and Teaching

Combat vehicle training support. Capt John J. Sweeney. illus Armor 89:26-29 May-Jun '80

Testing

Developing tomorrow's combat vehicles. Col Lawrence B.Fitzmorris. illus tab Armor 89:22-25 May-Jun '80

XM-1 mobility fixes prove out; weight growth poses new dilemma. Benjamin F.Schemmer. illus Armed Forces J Intl 117:16+ Jan '80

XM-1 progress report. Capt James H.Dyson, Jr. illus Armor 89:14-15 Jan-Feb '80

TANKS, MILITARY - ContinuedBrazil

A new family of tracked armoured vehicles from Brazil. Ronaldo S.Olive. illus Intl Def Rev 13, No.1:109-110 '80

France

AMX 32: The latest French battle tank. R.M. Ogorkiewicz. illus tabs Intl Def Rev 13, No.7: 1082-1086 '80

A flexible hybrid: AMX 10 PAC 90. John S.Philipp. illus Asian Def J No.1:92-95 Jan-Feb '80

French fighting vehicles. Col P.A.Loubens and LtCol R.R.Taylor, Jr, Ret. illus Armor 89:41-45 May-Jun '80

New tank generation out of Franco-German marriage? Robert Heck. illus Armada Intl 4:6-8 May-Jun '80

Germany (Federal Republic)

Main battle tanks for the eighties. Wolfgang Flume and Paul Denning. NATO's Fifteen Nations 25:48+ Feb-Mar '80

New tank generation out of Franco-German marriage? Robert Heck. illus Armada Intl 4:6-8 May-Jun '80

U.S.-German: Compatible antiarmor systems? Maj Phillip W.Gray. illus tab Mil Rev 60:2-8 Nov '80

Up-gunning the Marder. illus tab Intl Def Rev 13, No.5:712-714 '80

Great Britain

BAEE (British Army Equipment Exhibition) '80 at Aldershot (June 23-27, 1980)--an impressive showcase. Felix Müller and Konrad Alder. illus Armada Intl 4:68+ Jul-Aug '80

Highlights of the 1980 British Army Equipment Exhibition. illus Intl Def Rev 13, No.7:1114-1116 '80

Main battle tanks for the eighties. Wolfgang Flume and Paul Denning. NATO's Fifteen Nations 25:48+ Feb-Mar '80

The Vickers Valiant battle tank--a preliminary description. R.B.Pengelly. illus tab Intl Def Rev 13, No.3:395-399 '80

Russia

Is the XM1 tank obsolete? George Custance. illus Natl Def 65:60-62+ Oct '80

The light armored corps--a strategic necessity. LtGen James F.Hollingsworth, Ret and MajGen Allan T.Wood, Ret. illus map tabs Armed Forces J Intl 117:20-22+ Jan '80

Preparing tanks for underwater driving. Col R. Ivanov. illus Soviet Mil Rev No.3:29-30 Mar '80

Regain the technological advantage. Clifford D.Bradley. illus tabs Natl Def 65:40-43+ Oct '80

Soviet airborne forces and preemptive power projection. Capt Kenneth Allard. illus tabs Parameters 10:42-51 Dec '80

TANKS, MILITARY - ContinuedRussia - Cont'd

Soviet doctrine responds to antitank missile threat. LtCol William P.Baxter, Ret. illus Army 30:29-32 Aug '80

Soviet norms for driving tanks in winter. LtCol William P.Baxter, Ret. illus tabs Mil Rev 60:2-8 Sep '80

The T-62 tank. Col D.Ryazantsev. illus Soviet Mil Rev No.3:26-28 Mar '80

Threat: The claw of the bear. (Russian tanks) Maj Frank Babiasz and Capt Carl E.Daschke. illus tab USA Avn Dig 26:14-16 Mar '80

United States

Abrams-XM1. illus NATO's Fifteen Nations 25:66+ Oct-Nov '80

Army gets its first production XM-1. illus Armed Forces J Intl 117:16+ Mar '80

Army gets its first XM-1 Abrams tanks. Deborah G. Meyer. Armed Forces J Intl 117:14+ Apr '80

Brown orders "rapid introduction" of Army/USMC light arm'd vehicles. Deborah G.Meyer. Armed Forces J Intl 117:14+ Apr '80

Carter orders "highest national priority" for XM-1, M-X and Pershing II programs. Armed Forces J Intl 117:17 May '80

Chemical and biological warfare protection for the XM1 tank. Mil Rev 60:82 Oct '80

Developing tomorrow's combat vehicles. Col Lawrence B.Fitzmorris. illus tab Armor 89:22-25 May-Jun '80

First production XM1s handed over. illus Intl Def Rev 13, No.3:317-318 '80

Is the XM1 tank obsolete? George Custance. illus Natl Def 65:60-62+ Oct '80

The light armored corps--a strategic necessity. LtGen James F.Hollingsworth, Ret and MajGen Allan T.Wood, Ret. illus map tabs Armed Forces J Intl 117:20-22+ Jan '80

Machines for building the XM1. Sture B.Pierson. illus Army Log 12:32-34 May-Jun '80

Main battle tanks for the eighties. Wolfgang Flume and Paul Denning. NATO's Fifteen Nations 25:48+ Feb-Mar '80

The National Training Center (Fort Irwin, CA): The next thing to the ultimate realism. Col James B. Agnew. map illus Army 30:30-36 Feb '80

New tank facility takes shape (at Marine Corps Air Ground Combat Center, Twentynine Palms, CA). illus MarCor Gaz 64:10 Nov '80

A "new" tank on the block. Cathy Hardman and Bob Black. illus Armor 89:13-15 Sep-Oct '80

New weapons systems for the Army. SSgt Jim Boersma. illus Soldiers 35:47-50 Feb '80

Role of armor. illus Air Def Mag, pp 14-18, Jul-Sep '80

TANKS, MILITARYUnited States - Cont'd

Leedyne's Super M60 battle tank. R.M.Ogorkiewicz. illus tabs Intl Def Rev 13, No.8:1237-1241 '80

The United States' contribution to Soviet tank technology. George F.Hofman. illus RUSI J for Def Studies 125:63-68 Mar '80

U.S.-German: Compatible antiarmor systems? Maj Phillip W.Gray. illus tab Mil Rev 60:2-8 Nov '80

XM-1 mobility fixes prove out; weight growth poses new dilemma. Benjamin F.Schemmer. illus Armed Forces J Intl 117:16+ Jan '80

XM-1 progress report. Capt James H.Dyson, Jr. illus Armor 89:14-15 Jan-Feb '80

TARGET ACQUISITIONSee also

Detection Equipment

ARBS: The Angle Rate Bombing System. CDR C.N. Sapp. illus US Nav Inst Proc 106:99-100 Nov '80

Advanced concepts for tactical surveillance and target acquisition. Col Donald J.Stukel. illus Signal 35: 45-47 Oct '80

Advances in target acquisition and missile guidance. John S.Phillip. illus Asian Def J No.3:56+ May-Jun '80

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Oct-Nov '80

Airborne electronics in the age of high-speed integrated circuits. Jim Martin. Def Elect 12:53-54+ Jul '80

Army guns to fire laser-guided projectiles. illus Def Elect 12:28-29 Aug '80

Bargain basement fighters (retrofits). John Beach. illus Def Elect 12:59-60+ Jun '80

The Barr & Stroud DF3 fire-control system. J.M. Ballantine. illus Intl Def Rev 13, No.4:536-538 '80

Critical intelligence issues of the 80s. BrigGen Clyde R.Dean and others. illus Signal 35:9-12+ Oct '80

Dangerous midnight--delay, confusion on road to a night tank killer. David Harvey. illus Def & For Aff 8:12-15+ Nov '80

French Jaguars get laser guidance system. illus Asian Def J No.4:101-102 Jul-Aug '80

The gun camera. Maj William M.Durbin. illus USA Avn Dig 26:18-20 Jul '80

HELBAT: The way to tomorrow's artillery? R.B. Pengeley. illus Intl Def Rev 13, No.1:83-88 '80

High-resolution mapping in forward mode for new F-15B Strike Eagle. illus Def Elect 12:28-29 Nov '80

Hitting ground targets. Maj V.Dovgalyonok. illus Soviet Mil Rev No.1:24-25 Jan '80

TARGET ACQUISITION - Continued

"Intelligent" missiles for tomorrow. John S.Phillip. illus Asian Def J No.5:20+ Sep-Oct '80

The Milan night sight. illus tab Intl Def Rev 13, No.2:256 '80

Multiple role radar designed for F/A-18. Robert E. White. illus Def Elect 12:44-47 Jan '80

No lock AIM9 ranging. Maj Rich Hardy. illus tabs USAF Ftr Wpns Rev, pp 7-8, Spring '80

On a clear day you can see ... (StandOff Target Acquisition System (SOTAS)) illus USA Avn Dig 26: 30-33 Oct '80

PADS: Positioning and Azimuth Determining System. Maj David R.Rogers and Capt Robert R.Roe. illus tabs Fld Arty J 48:21-26 Jul-Aug '80

Pave Tack provides better target acquisition and designation. illus Def Elect 12:22-24 Apr '80

Phased array radar being used on moving trucks. illus Def Elect 12:28+ Sep '80

"Phasers, lasers and blazers." Maj G.R.Hepfner. illus Combat Crew 30:22-23 May '80

REMBASS (REmotely Monitored Battlefield Sensor System)--the U.S. Army's new battlefield sensor system. Gowri S.Sundaram. illus tabs Intl Def Rev 13, No.4:531-535 '80

Radars for low-level target acquisition. illus Armada Intl 4:38+ May-Jun '80

SOTAS (StandOff Target Acquisition System)--Army Aviation combined arms team. Col Wayne B. Davis. illus USA Avn Dig 26:4-7 May '80

SOTAS (StandOff Target Acquisition System)--catalyst for the combined arms team. Col Wayne B.Davis. illus Signal 35:31-34 Oct '80

SOTAS (Stand-Off Target Acquisition System)--"single more effective and valuable collector of intelligence." Dan Boyle. illus Interavia 35:243-245 Mar '80

SOTAS (StandOff Target Acquisition System)--the user has a say. LtCol Dick Rasmussen. illus USA Avn Dig 26:2-3 May '80

Sea Searcher contract. illus Asian Def J No.3:132-133 May-Jun '80

Special mission aircraft: Gates Learjet. illus tab Asian Def J No.3:90-92 May-Jun '80

Training target performance requirements. Robert L. Chalmers. illus Air Def Mag, pp 6-8, Apr-Jun '80

WRCS (Weapons Release Computer System): Fact or fantasy. Capt Edward J.Zamorski. illus tab USAF Ftr Wpns Rev, pp 22-27, Fall '80

TARGET IDENTIFICATION see Target Acquisition

TARGET RANGES see Bombing and Gunnery Ranges

TARGETS, AERIALSee also

Drones

TARGETS, AERIAL - Continued

Intercepting low-speed targets. Lt-Col G. Dovgal-yonok. illus Soviet Mil Rev No. 7:21-23 Jul '80

Training target performance requirements. Robert L. Chalmers. illus Air Def Mag, pp 6-8, Apr-Jun '80

TARGETS AND TARGETING

FILS (Ferranti Inertial Land Surveyor); Position, height, and bearing in real time. Stefan Geisenheyner. illus Def Elect 12:51-53 Jun '80

Launch under attack to redress Minuteman vulnerability? Richard L. Garwin. Intl Sec 4:117-139 Winter '79/'80

Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80

Operations in the enemy rear--Soviet doctrine and tactics. C.N. Donnelly. illus Intl Def Rev 13, No. 1:35-41 '80

Targeting problems for central war. Colin S. Gray. illus Nav War Col Rev 33:3-21 Jan-Feb '80

Theater nuclear encirclement: Soviet SLBM's targeted on Western Europe. Floyd D. Kennedy, Jr. illus Natl Def 64:42-47 Feb '80

TASK FORCES

The logistics challenges of deploying a CONUS joint task force. Maj Stephen G. Crane. illus tab AF J Log 4:13-18 Fall '80

More mobility for today's threat. Col Larry R. Williams. illus MarCor Gaz 64:32-36 Jul '80

The Rapid Deployment Joint Task Force. LtCol Thomas M. Johnson and LCDR Raymond T. Barrett. illus US Nav Inst Proc 106:95-98 Nov '80

TAXES AND TAXATION

The death of venture capital. D.G. Soergel. Govt Exec 12:23-24 Aug '80

Federal activists. H. Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12:41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-40 Dec '80

Maine will tax out-of-staters again. AF Times 41:15 Aug 11 '80

Many o'seas get \$500 by mistake from IRS. AF Times 40:3 Apr 14 '80

PCS checklist can save dollars. Len Famiglietti. AF Times 41:7 Sep 15 '80

Retirement supplement. AF Times 40:28p sup opposite p 30 Feb 25 '80; 28p sup opposite p 28 Jul 14 '80; 28p sup opposite p 28 Jul 14 '80; 24p sup opposite p 32 Nov 10 '80

Tax breaks (for Reserve and National Guard). illus Air Reservist 32:18-19 Feb '80

Tax guide for Reservists. Capt R. Michael Lantz, Jr. illus Officer 56:23-24 Feb '80

Taxes: A special supplement to help military taxpayers. AF Times 40:31-32+ Feb 11 '80

TAYLOR, Maxwell D.

A do-it-yourself professional code for the military. Gen Maxwell D. Taylor, Ret. por Parameters 10:10-15 Dec '80

Perceived versus real strength of America's strategic forces. Gen Maxwell D. Taylor, Ret. por Parameters 9:7-11 Dec '79

TEACHERS AND TEACHINGSee also

Instructor Pilots

Can we teach judgement? C.B. Stoddard. illus TAC Attack 20:12-14 Nov '80

Curing government illiteracy. M. Scott Downing. Govt Exec pt 1, Communicating to a nation of tenth graders: The comprehension drops as content gets complex. 12:28-29+ Jul '80; pt 2, An automatic comprehension check for government regulation originators. 12:28+ Aug '80

Dynamics of small learning groups. John A. Kline. illus Educ J 22:19-24 AY '79/'80

"Holistic" grading of student writing. LtCol Henry F. Lippincott, Jr. Educ J 22:32-36 AY '79/'80

It's much more than academic. (Professional military education instructors have a challenging job) SMSgt Dick Larsen. illus Airman 24:38-42 Sep '80

Proficiency Aviators Limited-case study--a comprehensive business management problem. Maj Harold E. Rafuse. tabs Educ J 22:68-80 AY '79/'80

School appointee (William Smith) sees gloom ahead (for Overseas Dependent Schools). Karen McKay. AF Times 41:4 Aug 11 '80

Teleteach: How to stretch the classroom coast to coast. illus Govt Exec 12:44+ Apr '80

Using questions for learning. Capt Janet S. Williamson. Educ J 22:27-31 AY '79/'80

TEACHING MACHINES see Programmed Learning

TECHNICAL EDUCATION see Education, Technical

TECHNICAL ORDERS

Aircraft modification TCTO (Time Compliance Technical Order) compliance. TIG Brief 32:10 Feb 22 '80

Hit my smoke. Maj David V. Froehlich. illus Aerosp Safety 36:12-13 Apr '80

Noncompliance with procedures. TIG Brief 32:16 May 2 '80

Technical data and maintenance discipline. TIG Brief 31:18 Dec 21 '79

Using checklists. TIG Brief 32:9-10 Sep 26 '80

TECHNICAL PERSONNEL see Manpower, Technical

TECHNICAL REPRESENTATIVES see Field Representatives

TECHNOLOGYSee also

War and Technology

TECHNOLOGY - Continued

- America's lagging productivity. Frederick L. Haynes. tabs Signal 34:33-37+ Jan '80
- An analytical approach to improved manufacturing technology. Milton H. Ritchie and others. illus tab Def Mgt J 16:52-56 Fourth Quarter '80
- Applying computer technology to training systems. Charles E. Lindahl. illus Def Mgt J 16:38-43 Fourth Quarter '80
- The challenging environment of C³I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80
- The Chinese ballistic missile program. Mark Wade. illus tabs Intl Def Rev 13, No.8:1190-1192 '80
- Communications and computers--two cultures or one? Irwin L. Lebow. illus Signal 34:7+ Mar '80
- (Communications and electronic industries as they relate to and support our Armed Forces) (Banquet address, AFCEA Convention, Washington, June 25, 1980) Gen Russell E. Dougherty, Ret. illus Signal 34:28-30 Aug '80
- (Complex problems we face in maintaining defense preparedness) Interview. William J. Perry. illus Natl Def 65:50-55 Oct '80
- Congress and technology: Facing up to the realities of finiteness. (Office of Technology Assessment) (Interview with John H. Gibbons). illus Govt Exec 12:13+ Sep '80
- Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. illus Signal 35:9-12+ Oct '80
- The DOD businessman: Why MANTECH (MANufacturing TECHnologies) is as important as new weapons. illus Govt Exec 12:34+ Sep '80
- Defence and the changing scene. (Fuller-Liddell Hart Memorial Lecture) Marshal Neil Cameron. RUSI J for Def Studies 125:21-28 Mar '80
- Defense electronics technology. Regular feature in some issues of Defense Electronics
- An EEC view on the new technologies of information. (Address, AFCEA NATO Brussels Symposium, Oct 1980) Raymond K. Appleyard. Signal 35:51-53 Dec '80
- EW and the cultural barrier. David Harvey. illus Def & For Aff 8:44-46 Oct '80
- The economics of war: Doctrine, tactics, \$, rubles, Marx, Engels and Adam Smith. Col D.K. Malone. Armed Forces J Intl 117:72-73 Jun '80
- Electronic environments. Regular feature in some issues of Defense & Foreign Affairs
- Facility energy technology transfer. Ed E. Wilson and Capt Philip C. Holden. AF Engrg & Svcs Qtr 21: 28-29 Nov '80
- Facing up to change. (Presentation, Antelope Valley Board of Trade, Lancaster, CA, Aug 22, 1980) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Oct '80

TECHNOLOGY - Continued

- Fighting with man-made lightning. Stefan Geisenhener. illus Asian Def J No. 1:22-23+ Jan-Feb '80
- (Finding an equalizer for disparity in equipment) (Key-note luncheon address, AFCEA Convention, Washington, June 24, 1980) William J. Perry. illus Signal 34:13+ Aug '80
- The future of American science. Philip Handler. illus Nav War Col Rev 33:57-67 Jan-Feb '80
- The future of HF communications in C³. J.D. Cosgrove and H.W. Swan. illus map Signal 34:15-17+ Feb '80
- Improving aircraft navigation through shared technology. Burrell W. Hays. illus Def Mgt J 16:35-37 First Quarter '80
- In aeronautics, affordability is king. Edgar Ulsamer. illus AF Mag 63:55-61 Dec '80
- An inspector's view of safety. Col Gary R. Tompkins. illus Aerosp Safety 36:8-9 May '80
- Low energy lasers. George Gamota. illus tabs Natl Def 64:44-48+ Jun '80
- McClellan (AFB, CA) energy showcase base. Maj George Kastanos. illus AF Engrg & Svcs Qtr 21: 24-27 May '80
- Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies
- Mostra Navale: Italy's strategic power rests firmly on its technology base. David Harvey. illus Def & For Aff 8, No. 5:10-11+ '80
- Multistatic radar systems for air defense. David M. Zasada. illus tab Signal 34:65+ May-Jun '80
- The Navy's RDT&E program. Norman Friedman. illus Sea Power 23:48-50+ Apr '80
- Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80
- Offshore technology. Regular feature in issues of Military Engineer
- The 120-mm tank gun and its ammunition--prospects for further performance improvements. Raimund Germershausen. illus tab Intl Def Rev 13, No. 6: 899-901 '80
- Opportunity and catastrophe: How government looks to NMA (National Micrographics Assoc). C.W. Borklund. illus Govt Exec 12:14+ May '80
- Our shrinking industrial base. (Presentation, Military Order of the Carabao Luncheon, Army and Navy Club, Washington, April 22, 1980) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jul '80
- (Producing modern Army equipment) (Sustaining members' luncheon address, AFCEA Convention, Washington, June 25, 1980) Percy A. Pierre. illus Signal 34:22-24 Aug '80
- Productivity improvement: A challenge for the 80s. (Office of Productivity, Technology, and Innovation) Jordan J. Baruch. illus Signal 35:25-26 Sep '80

TECHNOLOGY - Continued

Productivity, technology, and the illusion of the free lunch. Hans M.Mark. illus Defense/80, pp 8-13, Aug '80

RAMPART: Route to Airlift Mobility through PARTnership. John F.Shea. illus tabs Def Trans J 36: 6-8+ Sep '80

R&D in new communications systems. (Interview with William O.Baker) illus Signal 35:15-17 Sep '80

Regain the technological advantage. Clifford D.Bradley. illus tabs Natl Def 65:40-43+ Oct '80

Research and technology. Regular feature in issues of International Defense Review

Sen Gary Hart is high on Harrier. (From address, National War College, June 30, 1980) MarCor Gaz 64:10 Aug '80

The shape of the future. illus Signal 34:11-13+ Jan '80

The Soviet march toward technological superiority. Jack Vorona. illus Defense/80, entire issue, Mar '80

Spread spectrum technology. (Convention panel, AFCEA, Washington, June 25, 1980) J.N.Birch and others. illus tab Signal 34:49+ Aug '80

The state of aircraft simulation in the USSR. Clyde F. Autio. Def Mgt J 16:24-25 Fourth Quarter '80

'Stealth' aircraft invisible to radar (Def Sec Brown has announced). AF Times 41:12 Sep 8 '80

Stealth aircraft program revealed. Intl Def Rev 13, No.7:979 '80

System engineering--the key to effective transition/evolution of Army C³ systems. MajGen Emmett Paige, Jr. Signal 34:17-21 Jul '80

Tactical warfare developments into the 1980's. Robert A. Moore. illus Natl Def 65:22-27+ Aug '80

Technology, ASW, and the Coast Guard. LCDR Bruce B.Stubbs and LT Richard R.Kelly. illus US Nav Inst Proc 106:29-35 Oct '80

Technology insertion--Rx for ailing ECM. Julian S. Lake. tabs Def Elect 12:35-36+ Jun '80

Technology trends in communications, command, and control. Ruth M.Davis. illus Defense/80, pp 2-3+, Jan '80

Training and personnel systems technology: A boost to readiness. CDR Paul R.Chatelier. illus Def Mgt J 16:2-5 Second Quarter '80

Trends in radar missile guidance. Hans A.Maurer. illus tabs Intl Def Rev 13, No.9:1415-1422 '80

Two Chinese roads to military modernization--and a U.S. dilemma. Thomas A.Marks. illus tab Strat Rev 8:18-28 Summer '80

The U.S. Navy in transition. Raymond T.Tate. Signal 34:33-35 Apr '80

VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No.6:887-890 '80

TECHNOLOGY - Continued

Voice technology in military training. Robert Breaux. illus Def Mgt J 16:44-47 Fourth Quarter '80

Educational Applications
See Educational Technology

International Cooperation

Armaments co-operation in NATO. John B.Walsh. illus tab NATO's Fifteen Nations 24:8+ Dec '79-Jan '80

CNAD and NIAG: The Conference of National Armaments Directors, its inter governmental groups and the NATO Industrial Advisory Group. John C. Stone. illus chart NATO's Fifteen Nations 24:28+ Dec '79-Jan '80

Europe at the cutting edge. illus Def & For Aff 8, No.4:30-34 '80

NATO armaments co-operation: The official U.S. DOD view. Intl Def Rev 13, No.6:803-806 '80

NATO naval armaments co-operation. FAdm Dieter Wellershoff. illus NATO's Fifteen Nations 24: 39-40+ Dec '79-Jan '80

NAVSTAR: A single navigation system for NATO? WgComdr Hugh Coriat. illus NATO's Fifteen Nations 25:32-34+ Feb-Mar '80

Roland: Answer to the low-level air threat. Yves Robins and others. illus NATO's Fifteen Nations 25:60-66 Feb-Mar '80

The Soviet march toward technological superiority. Jack Vorona. illus Defense/80, entire issue, Mar '80

The two-way street: Views of Europe and the USA. Steven Kline. illus NATO's Fifteen Nations 24: 22-25 Dec '79-Jan '80

UK puts off Av-8B/Mk 5 Harrier choice. Intl Def Rev 13, No.7:983 '80

U.S.-German: Compatible antiarmor systems? Maj Phillip W.Gray. illus tab Mil Rev 60:2-8 Nov '80

Weapon system series: The tripartite minehunter program. Yves Robins. illus NATO's Fifteen Nations 24:80-82+ Oct-Nov '79

TECHNOLOGY TRANSFER

See also
Technology--International Cooperation

International transfer of intellectual property for defense materiel. John S.W.Fargher, Jr. illus tabs Def Sys Mgt Rev 3:104-113 Summer '80

Nuclear energy in Argentina. Jorge Antonio Aja Espil. AEI For Plcy & Def Rev 1, No.6:5-9 '79

Technology transfer from the VHSIC program. Jerry Streb. Mil Elect/Countermeasures 6:100+ Feb '80

Transfer of technology and the fuel cycle. Dalmau Costa. AEI For Plcy & Def Rev 1, No.6:9-15 '79

TELECOMMUNICATIONS see Communications Systems

TELEPHONES AND TELEPHONE SERVICESee alsoRadio Telephones

Air Force telephone communications: Vintage systems --getting better. BrigGen William G. MacLaren, Jr. TIG Brief 32:2 Nov 14 '80

'Ancient' phone system keeps Eielson (AFB, AK) unit busy. TSgt Dwight Trimmer. illus AF Times 40:57 May 19 '80

The Army's national role in NATO communications. MajGen Clarence E. McKnight, Jr. illus tabs map Signal 35:43-46+ Dec '80

Base communications improvements for the 1980s. BrigGen William G. MacLaren, Jr. Signal 35:19-21 Nov '80

The challenging environment of C3I. RADM H.D. Arnold and others. illus Signal 34:17-19+ May-Jun '80

Hill sends phone mail. AF Times 41:15 Nov 17 '80

Investigating unauthorized toll calls. TIG Brief 32:6 Jan 11 '80

The next generation CONUS AUTOVON. Martin A. Thompson and Tom M. Shimabukuro. tabs illus Signal 34:75-80 Feb '80

Overfusing (of telephone key systems). TIG Brief 32:6 Feb 22 '80

Switched networks. (Convention panel, AFCEA, Washington, June 24, 1980) L.C. Seifert and others. illus Signal 34:44-47 Aug '80

TELEFAX: Document by telephone! TIG Brief 32:7 Apr 18 '80

Telecommunications services in (People's Republic of) China. Richard B. Nichols. illus Signal 34:42-44 Jan '80

VISTA--preparing for tomorrow's information society. Larry G. Wilson. illus Signal 34:31-33 Mar '80

TELESCOPES, RADIO

The global radio solar telescope network. Robert Seitz and H. Ewen. illus Signal 34:53-56 Jan '80

TELEVISION

Europe pioneers direct-broadcast TV satellites. illus tab Interavia 35:645-646 Jul '80

VISTA--preparing for tomorrow's information society. Larry G. Wilson. illus Signal 34:31-33 Mar '80

Military Applications

The Eidophor: C³ with a view. Len Blascovich. illus Natl Def 64:22-23+ Apr '80

Logistics assistance by television. Sgt1C Robert H. Colwell. illus Army Log 12:12-13 Mar-Apr '80

Simulated flights aid in research (of TV guided weapons). Signal 35:80 Nov '80

TELEVISION - ContinuedMilitary Applications - Cont'd

TV on 'Nam: How big an impact? Bruce Callander. AF Times 40:20+ Jul 14 '80

TV Ordnance Scoring System. Capt Bob O'Dell. illus tab USAF Ftr Wpns Rev, pp 21-27, Summer '80

TELEVISION IN EDUCATION

Teleteach: How to stretch the classroom coast to coast. illus Govt Exec 12:44+ Apr '80

TELLER, Edward

Conflict in the Middle East: Time for an American energy contingency plan. Edward Teller. por Parameters 10:16-19 Dec '80

TEMPERATURESee alsoHeat

Accidental hypothermia: The effect of initial body temperatures and physique on the rate of rewarming. J.B. Morrison and others. tabs Aviation, Space & Envt Med 51:1095-1099 Oct '80

Unknown quantity (helicopter sling missions). Maj Alan D. York. illus MAC Flyer 27:19-21 Aug '80

TEMPORARY DUTY

Coping with those TDY blues. Capt Kathleen Meiss-Donmeyer. illus AF Times 40:18 May 19 '80

Special per diem. tab AF Times 41:17 Oct 20 '80

TDY can cause strain. illus AF Times 41:10 Nov 3 '80

TENANT UNITS

Safety support of tenant activities. TIG Brief 32:16 Feb 22 '80

TERMINALS, TRANSPORT

Boston Reserve unit scores success (in Emergency Deployment Readiness Exercise (EDRE)). Frank K. Costa. illus Translog 11:10-13 Jul '80

The floating wonder of Bremerhaven. Capt Randy R. Tibbs. illus Translog 11:8-9 Nov '80

The forklifts of August. Capt Bruce P. Schoch. illus Army 30:42-43+ May '80

MTMC opens Panama terminal. Diane M. Dove. illus Translog 11:2-3 Apr '80

TMO (Transportation Movements Office) Rotterdam: Small, but efficient. PFC David Osinski. illus Translog 11:10-11 Aug '80

Terminal operations and mobilization. (Address, National Defense Transportation Assoc Forum and Exposition, Chicago, Sep 21-23, 1980) illus Translog 11:1-4 Dec '80

VIC (Very Important Cargo) receives TLC from MOTBYs (Military Ocean Terminal Bayonne) Packing Branch. illus Translog 11:10-12 Oct '80

TERMINALS, TRANSPORT - Continued

'We need each other ...' (Air Reservists operate MAC's busiest air terminal at Dover AFB, DE for two weeks) SMSgt Gerald H. Smith. illus Air Reservist 32:8-9 Aug '80

What's a WTCA (Water Terminal Clearance Authority)? Thomas A. Phillips. Translog 11:5-7 Jul '80

TERMINOLOGY

See also subdivision Terminology under specific subjects

Curing government illiteracy. M. Scott Downing. Govt Exec pt 1, Communicating to a nation of tenth graders: The comprehension drops as content gets complex. 12:28-29+ Jul '80; pt 2, An automatic comprehension check for government regulation originators. 12:28+ Aug '80

TERRAIN FLYING see Flight, Low-Altitude

TERRAIN VEHICLES see All-Terrain Vehicles

TERRITORIAL TROOPS

On the rock (of Gibraltar)! illus Natl Guard 34:12-14 Nov '80

TERRORISM

The conflict index. Regular feature in issues of Defense & Foreign Affairs

If you are taken hostage ... MSgt Matt Glasgow. illus Soldiers 35:11-14 May '80

Italy: Political violence in the heart of NATO. Angelo M. Codevilla. Intl Sec Rev 5:91-110 Spring '80

Ordeal in Teheran. Editorial. A. G. B. Metcalf. Strat Rev 8, No. 1:5-8 Winter '80

The professional revolutionary--a profile. Mostafa Rejai. illus AU Rev 31:86-90 Mar-Apr '80

Protection of Air Force personnel abroad from acts of terrorism. TIG Brief 32:7 May 16 '80

Strike against terror! The Entebbe raid. Capt E. Douglas Menarchik. tabs map AU Rev 31:65-76 Jul-Aug '80

Super guards: Duty at America's nuclear outposts. MSgt Matt Glasgow. illus Soldiers 35:36-39 May '80

Terrorism is ...? Maj William R. Farrell. illus Nav War Col Rev 33:64-72 May-Jun '80

Terrorism: The international connection. Neil C. Livingstone. illus Army 30:14-21 Dec '80

The threat of nuclear terrorism. Augustus R. Norton. illus Natl Def pt 1, 65:44-46 Oct '80; pt 2, 65:43-44 Dec '80

Will terrorism go to sea? Merle Macbain. illus Sea Power 23:15-24 Jan '80

TEST FACILITIES

Aeropropulsion Systems Test Facility. Cols Garrett V. Sidler and William K. Officer. illus chart Mil Engr 72:36-40 Jan-Feb '80

TEST FACILITIES - Continued

Computerized engine testing. Charles Sciano. illus Natl Def 65:45-46 Dec '80

Eglin (AFB, FL) film units run 40,000 per second. illus AF Times 41:27 Jul 28 '80

Fooing Mother Nature. (AFSC's McKinley Climatic Laboratory, Eglin AFB, FL, tests military hardware and people) Sgt Craig Pugh. illus Airman 24:31-33 Jun '80

It's a blast. (The Flight Test Branch of the San Antonio Air Logistics Center, Kelly AFB, TX, verifies airworthiness of repaired aircraft) David N. Stead. illus Airman 24:2-6 Feb '80

Kwajalein Missile Range--a national asset. LtCol Martin G. Olson. illus Air Def Mag, pp 30-35, Jul-Sep '80

The National Training Center (Fort Irwin, CA): The next thing to the ultimate realism. Col James B. Agnew. map illus Army 30:30-36 Feb '80

The Toulouse Aeronautical Test Centre--a total aviation facility. Germain Chambost. illus Interavia 35:434-435 May '80

TEST PILOTS

Blackhawk test pilots. illus Translog 11:4-5 Apr '80

The man (Maj Rudolph "Shorty" Schroeder) with the frozen eyeballs (1920). Hal Craven. illus Translog 11:7-8 Feb '80

TESTS AND MEASUREMENTS

See also

Aptitude

AF losing fight over AFQT (Armed Forces Qualifications Test) scores. AF Times 41:6 Nov 3 '80

Aircrew testing: One IG team's approach. TIG Brief 32:3-4 Sep 12 '80

Development of Performance Evaluation Tests for Environmental Research (PETER): Complex counting test. Robert S. Kennedy and Alvah C. Bittner, Jr. tabs Aviation, Space & Envmt Med 51:142-144 Feb '80

Enlistment test scores: What do they really measure? Robert B. Pirie, Jr. illus Defense/80, pp 10-13, Jun '80

The high school testing program: A cost-effective recruitment tool. Gus C. Lee. illus tabs Def Mgt J 16:14-21 First Quarter '80

"Holistic" grading of student writing. LtCol Henry F. Lippincott, Jr. Educ J 22:32-36 AY '79/'80

It's time for rebirth of promotion exams. Capt D. S. Hoeft. illus MarCor Gaz 64:57-60 Feb '80

Legal liability in genetic counseling and testing. Capt Jeffery L. Grundtisch. AF Law Rev 21, No. 3:462-472 '79

A letter to Dave. (Things evaluators do that make life difficult) Capt David R. Hall. illus Combat Crew 30:14-17 Aug '80

A letter to Mike. (How to pass an evaluation) Capt David R. Hall. illus Combat Crew 30:10-13 Feb '80

TESTS AND MEASUREMENTS - Continued

O'seas students score well in (Basic Skills Assessment) Test. AF Times 40:18 Jun 9 '80

A question of quality: Why the pieces don't fit. John J. Fialka. illus Army 30:29-32 Jun '80

Recruiting--opportunities could decline for minorities. Tom Philpott. tab AF Times 41:20 Oct 6 '80

SQT. Natl Guard 34:28-29 Oct '80

SQT (Skill Qualification Test) update. illus Soldiers 35:19-21 Apr '80

Services told to lower exam qualifying scores. AF Times 41:2 Oct 27 '80

That red carpet attitude. Interview. RADM Charles E. Gurney III. illus Def Mgt J 16:7-11 First Quarter '80

Toward the development of a new aptitude selection test battery for air traffic control specialists. James O. Boone. tabs Aviation, Space & Envt Med 51:694-699 Jul '80

The weighted POC Selection System: A measure of potential? Capt Joseph L. Parker. illus Educ J 22:50-52 AY '79/'80

TEXTILE INDUSTRY AND TRADE

See also
Clothing, Protective
Uniforms

THINK TANKS see Research CentersTHIRD WORLD

An alternative to appeasement. Mark N. Katz. illus US Nav Inst Proc 106:58-62 Jun '80

Close support aircraft for the Third World. Roy Braybrook. illus Aerosp Intl 16:13-14+ Sep-Oct '80

The dramatic impact of Soviet airborne ops. Milan Vego. Def & For Aff 8, No.9:31-32+ '80

Forward-deployed naval forces: Time for a change. Vann H. Van Diepen. illus US Nav Inst Proc 106:57-59 Apr '80

Nuclear proliferation in the Third World--problems and prospects for the 1980s. Theodor H. Winkler. illus tabs Intl Def Rev 13, No.2:198-204 '80

Third World crises in the 1980s. Maj San-chew Chong. MarCor Gaz 64:22-24 Oct '80

The Third World's electronic revolution sparks off. John C. Burton III. illus Def & For Aff 8, No. 7:40-42 '80

USSR and Red China in the Third World. Richard F. Staar. illus map tabs NATO's Fifteen Nations 25:81-82+ Jun-Jul '80

Foreign RelationsRussia

Soviet activities in the Third World: A new pattern. Maj David T. Twining. illus Mil Rev 60:2-10 Jun '80

THOMPSON, Donald C.

Renewing the physical plant (of the Coast Guard). RADM Donald C. Thompson. US Nav Inst Proc 106:79-86 Oct '80

THOMPSON, Edmund R.

Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. por Signal 35:9-12+ Oct '80

THOUGHT AND THINKING

See also
Decision Making

Games people play. SSgt Jim Boersema. illus Soldiers 35:48-50 Jun '80

THUNDERBIRDS

Birds of a feather. (Go-carts with model Thunderbirds attached take part in parades and other festivities) illus Airman 24:27-29 Jul '80

Diamond in the sky. Capt Dick Sheffield. illus Airman 24:26-31 Oct '80

1980 Thunderbirds schedule. illus tab USAF Ftr Wpns Rev, pp 12-13, Spring '80

THUNDERSTORMS

A change of seasons. Maj Alan D. York. illus MAC Flyer 27:13-15 Apr '80

An extra pair of eyes. Capt Robert F. Paling. illus MAC Flyer 27:4-6 Jan '80

Inflight weather avoidance service. Maj G. E. Schrimpf. illus Aerosp Safety 36:2-4+ Apr '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Thunderstorm avoidance using airborne radar. Capt Robert E. Leblanc. illus Aerosp Safety 36:10-12 Jun '80

Tornadoes and flying machines don't mix--and neither does anything else. Capt John K. Sanders. illus tab TAC Attack 20:12-14 May '80

What a thunderstorm is not. Maj Garry S. Mueller. (Adapted from Aerospace Safety, Aug 1979) tab USA Avn Dig 26:28-29 Jul '80

TIGHE, Eugene F., Jr

Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. por Signal 35:9-12+ Oct '80

TIME

Getting to the fix on time. Capt Paul T. Shorock. illus Combat Crew 30:16-17 May '80

Pace yourself. Maj James G. Gibson II. illus MAC Flyer 27:8-11 Oct '80

TIRES

See also
Airplanes, Military--Tires

TITANIUM see Metals

TITO, Josip B.

Tito's death: Yugoslavia's survival? Col Wil Ebel.
por Natl Def 64:54-56+ Jun '80

Yugoslavia after Tito--powder keg of the Balkans.
LtCol Dallace L. Meehan. AU Rev 31:114-116 Sep-
Oct '80

TOLBERT, W. Troy

GO (BrigGen W. Troy Tolbert) heads wing that failed
test. AF Times 41:15 Sep 8 '80

TOOLING

Reforging industrial readiness. Dale W. Church. illus
Defense/80, pp 2-7, Dec '80

TORNADOES

Ground safety: Reporting natural phenomena. TIC
Brief 32:20 Feb 8 '80

Storms devastate three states and Guard clears after-
math. illus Natl Guard 34:12-13 Jul '80

Tornado devastates museum--the Bradley Air Muse-
um. Robert H. Stepanek. illus Aerosp Hist 27:50-
52 Mar '80

Tornadoes and flying machines don't mix--and neither
does anything else. Capt John K. Sanders. illus tab
TAC Attack 20:12-14 May '80

Statistics

Tornadoes and flying machines don't mix--and neither
does anything else. Capt John K. Sanders. illus tab
TAC Attack 20:12-14 May '80

TORPEDOES

Advanced lightweight torpedo in competitive develop-
ment. illus Def Elect 12:30 Aug '80

Bottom recovery of undersea ordnance. William D.
Ridley and Deam W. Given. illus US Nav Inst Proc
106:137-138 Mar '80

Future antisubmarine weapons. Thomas B. Buell.
illus US Nav Inst Proc 106:104-106 Nov '80

Sting Ray--a new British lightweight torpedo. R.B.
Pengelly. illus Intl Def Rev 13, No. 5:755-757 '80

The torpedo in the world of antisubmarine and anti-
surface warfare. Banks Chamberlin. illus Armed
Forces J Intl 117:60-62 May '80

History

The underwater missiles. Stefan Geisenheyner. illus
tab Asian Def J No. 6:37-41+ Nov-Dec '80

TORQUE

Tail rotor breakaway. Capt M. J. T. Hewetson. USA
Avn Dig 26:40-42 Jun '80; Aerosp Safety 36:7-9
Oct '80

TOTAL FORCE CONCEPT

Army challenges in the 80's: The big picture. Gen
E.C. Meyer. (Excerpts from "White Paper 1980")
illus Soldiers 35:28-29 Jul '80

TOTAL FORCE CONCEPT - Continued

Defending Europe against a conventional attack.
Kenneth J. Coffey. illus tabs AU Rev 31:47-59
Jan-Feb '80

Guard & Reserve: Better ... but not good enough.
Harold W. Chase. illus Defense/80, pp 12-17,
Nov '80

Logistic capability stressed. (Excerpts from address,
Air Section, ROA National Council Meeting, Wash-
ington, Feb 1980) LtGen Billy M. Minter. illus Of-
ficer 56:13 May '80

Militia north of the border: A candid view of Canada's
land reserve force. Hawley L. Black. illus Natl
Guard 34:8-11 Nov '80

Paid Redoubt '80 ... no doubt about it! TSgt Ed Mar-
tins. illus Air Reservist 32:12-14+ Aug '80

People of the total force. (Presentation, Salute Night
to Reserves and Retired Force, Las Vegas, NV,
June 6, 1980) MajGen Jerome F. O'Malley. AF
Plcy Ltr for Comdrs: Sup, pp 20-24, Jul '80

Roundout: Linking active & Reserve. (5th Infantry
Div, Fort Polk, LA, and 95 members of Louisiana
Army National Guard participate in Reforger 1978
and other units of same participate in Gopher
Broke VIII) Helen Kay Ellsworth. illus Soldiers
35:11-13 Apr '80

Total force policy at critical point. (NGAUS 1981 Po-
sition Statement) illus Natl Guard 34:8-9+ Dec '80

TOTAL OBJECTIVE PLAN FOR CAREER AIRMAN
PERSONNEL see TOP CAPTOURS OF DUTYSee also

Assignments, Military
Permanent Change of Station
Remote-Isolated Duty

Assignment: Eielson (AFB, AK). Capt Ron Bullard.
illus Combat Crew 30:6-7+ Feb '80

Duties of a UN military observer: Major (Trenton
Pauley) helped keep peace in Mideast. Lt Mark A.
Besich. AF Times 41:32 Nov 17 '80

F-16 flying jobs: Tour criteria cut. AF Times 41:13
Aug 18 '80

The first ten days. Capt Gardner M. Nason. illus Sol-
diers 35:28-31 Sep '80

Home-basing, follow-on programs expanded. AF
Times 40:6 Jun 16 '80

Is parity possible in female billets? LT Michael R.
Schaefer. illus tab US Nav Inst Proc 106:103-104
Sep '80

Overseas volunteers lose short-tour option. AF
Times 40:4 May 19 '80

Reflections on extended command. LtCol Jerry C.
Harrison. illus Fld Arty J 48:30-32 Nov-Dec '80

3-year CONUS tours open to o'seas WSOs. John Gin-
ovsky. AF Times 41:2 Nov 3 '80

The unique hardships of sea duty. CAPT Thomas M.
Hale and Linda D. Pappas. illus tabs US Nav Inst
Proc 106:67-73 Nov '80

TOWER, John G.

Sen Tower: Bar 'cap,' shift \$\$ to key grades. AF Times 40:1+ Jun 16 '80

Sen Tower sees quick pay boost. Laurie Parker. por AF Times 41:1+ Nov 24 '80

'Since we've accepted the limited size of our regular forces, we're going to have to put heavier reliance on our Reserve capability.' Interview. Sen John Tower. por Officer 56:20-22 Dec '80

TOXIC AND INFLAMMABLE GOODS see Hazardous Substances

TRACTORS

Putting the M915 on the road. illus Army Log 12: 17-19 Jul-Aug '80

TRADE see Commerce

TRADE UNIONS see Labor Unions

TRADITIONS, MILITARY

Black Jack: He also served. Daisybelle D. Elkins. illus Mil Rev 60:55-57 Dec '80

Individual pride--unit pride. CMSAF James M. McCoy. AF Ploy Ltr for Comdrs: Sup, pp 13-14, Jul '80

Reared on combat traditions. Lt-Col V. Khoroshilov. illus Soviet Mil Rev No. 10:41-42 Oct '80

Traditions of duty. Gen Alton D. Slay. TIG Brief 32: 1-2 Jun 13 '80

TRAFFIC ACCIDENTS see Accidents, Traffic

TRAFFIC MANAGEMENT

See also

Military Traffic Management Command

Automated traffic management in the 1980s. (From address, General Traffic Management Seminar, Orlando, FL, May 1980) LtCol Robert H. Fisher. illus Translog 11:1-4 Jul '80

The Dover Strait VTS (Vessel Traffic System). CAPT Charles W. Koburger, Jr. Ret. illus map US Nav Inst Proc 106:90-93 Feb '80

Hawaii: Sun, sand, and MTMC-FOP (Field Office Pacific). Col John W. Perry, Jr. Translog 11:1-2 Oct '80

Industrial traffic management. Leon Wm Morse. illus Log Spectrum 14:25-26 Fall '80

Korean assignment. Sgt1C Richard J. Constable. illus Translog 10:15-16 Dec '79

MTMC honors traffic managers (at 35th National Defense Transportation Assoc Forum and Exposition, Chicago). illus Translog 11:10-11 Sep '80

Nickles and dimes saved still add up to \$. TIG Brief 32:5-6 Sep 26 '80

No more guesswork. CW2 Dale L. Puckett. illus US Nav Inst Proc 106:66-73 Oct '80

TRAFFIC MANAGEMENT - Continued

A perspective on total systems traffic management. illus Translog 11:2-5 Jan '80

Renewing the physical plant (of the Coast Guard). RADM Donald C. Thompson. illus tabs US Nav Inst Proc 106:79-86 Oct '80

Teamwork makes Reforger move. illus Translog 11: 1-2 Nov '80

TRAINING see Education and Training

TRAINING AIDS

See also

Audio-Visual Aides
Motion Pictures

The TACTS (Tactical Aircrew Combat Training System)/ACMI (Air Combat Maneuvering Instrumentation) microcosm. Phillip R. Craven. illus Sea Power 23:41-42 Dec '80

TRAINING AND DOCTRINE COMMAND

Basic training: The verge of destruction. Capt Samuel J. Barlotta. illus Mil Rev 60:47-62 Nov '80

Division '86: Update. Capt John B. Gavalas. illus tabs Fld Arty J 48:22-25 Mar-Apr '80

Values, not scores, the best measure of soldier quality. Gen Donn A. Starry. illus Army 30:38-43 Oct '80

TRAINING-WITH-INDUSTRY PROGRAM

The education-with-industry program. (Presentation, Education-with-Industry Symposium, Atlanta, Sep 15, 1980) James E. Williams, Jr. AF Ploy Ltr for Comdrs: Sup, pp 18-22, Oct '80

TRAINOR, Bernard E.

New thoughts on war. MajGen B. E. Trainor. MarCor Gaz 64:49-51 Dec '80

TRAJECTORIES

Kinetic energy penetrators versus armor. Joseph E. Backofen, Jr. illus tab Armor 89:13-17 Mar-Apr '80

TRANSIENT FACILITIES

Hill Air Force Base (UT): "First in the F-16." Maj Donald W. Staffon. illus TAC Attack 20:26-28 Jun '80

Restricting ground fuel issues to transient vehicles: Energy conservation? TIG Brief 32:11 Jun 27 '80

TRANSOCEANIC FLIGHTS

Fox Able One--the first transatlantic jet deployment (July 1948). Col Frank W. Klibbe, Ret. illus map AF Mag 63:72-80 Oct '80

What's the weather? 1stLt Lorraine Yashinski. illus Combat Crew 30:12-14 Nov '80

TRANSPORTATION

See also

Shipping

TRANSPORTATION - Continued

NDTA talk. Regular feature in issues of Defense Transportation Journal

Germany (Federal Republic)

Cooperation means mission accomplishment. illus
Def Trans J 36:4-7+ Feb '80

United States

MTMCs response to contingency requirements. (Address, Munitions Carriers Conference, Denver)
Paul R. Chagnon. illus Translog 11:17-19 Sep '80

National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80

Strides toward equity (Minority Trucking-Transportation Development Corp (MTTDC)). Debra Hower-ton. illus Translog 10:5-8 Dec '79

Transportation emergency preparedness--are we ready? Maj Ted A. Cimral. illus chart Def Trans J 36:74-81 Sep '80

Transportation's place in the energy picture. William H. Dempsey. tabs Def Trans J 36:5-6+ Apr '80

Truck transportation in a fuel-short economy. Donald L. McMorris. tabs Def Trans J 36:32-34+ Sep '80

Laws and Regulations

Analysis of the Motor Carrier Act of 1980. Donald E. Tepper. illus Def Trans J 36:5-10 Aug '80

Competition and regulated rates--can they co-exist? (From remarks, Federal Bar Assoc, Washington, May 21, 1980) Paul R. Chagnon. illus Translog 11:2-4 Jun '80

The elusive law of intercorporate transportation. Frank L. Hicks, Jr. illus Log Spectrum 14:12-14+ Fall '80

Laws and Regulations--History

The Commerce Clause--the backbone of a strong national defense. Peter M. Lynagh. illus Def Trans J 36:35-40 Aug '80

TRANSPORTATION, AIRSee also

Air Cargo
Aviation, Commercial

Cooperation--the key to global air transport. Assad Kotaite. illus Aerosp Intl 16:62+ Nov-Dec '80

United States

Civil-military air transportation for the future. LtCol George A. Pasquet. illus Airlift Ops Rev 2:19-22 Apr-Jun '80

Outlook for air transportation. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jan 21 '80

RAMPART: Route to Airlift Mobility through PARTnership. John F. Shea. illus tabs Def Trans J 36:6-8+ Sep '80

TRANSPORTATION, AIR (MILITARY)See also

Air Cargo
Airdrop
Airlift
Movement Control

NATO

Military transport aviation in NATO's plans. Maj-Gen M. Belov. Soviet Mil Rev No. 10:39-40 Oct '80

United States

Civil-military air transportation for the future. LtCol George A. Pasquet. illus Airlift Ops Rev 2:19-22 Apr-Jun '80

5 bases to cut air travel costs. AF Times 40:15 Apr 7 '80

Moving anywhere anytime soon? Bruce Callander. illus AF Times 41:20+ Nov 10 '80

Steps taken to make traveling easier. Len Famiglietti. AF Times 41:2 Oct 13 '80

Travel centers get AF okay. AF Times 40:8 Jan 14 '80

TRANSPORTATION, MILITARYSee also

Movement Control

COREX-80 a success. (First command post exercise under MTMC Contingency Response (CORE) Program) illus Translog 11:10-11 Dec '80

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

Foreign vehicles serve U.S. bases. (Operation European Vehicle Buy) illus AF Times 40:27 Mar 3 '80

LOGAIR Mark 2: An alternative logistics airlift system. Maj Nicholas Van Valkenburgh. maps tabs AF J Log 4:25-29 Spring '80

MTMC and the bus industry. Col Jerry C. Goodrich. illus Translog 11:13-15 Oct '80

MTMC: Cornerstone of strategic mobility. MajGen John D. Bruen. illus Army 30:194-199 Oct '80

Managing transportation for fuel savings. MajGen John D. Bruen. illus Army Log 12:2-5 Jan-Feb '80

Mission: Transportation support to nuclear testing. Capt Donald W. Lamb. illus map Translog 11:6-7 Apr '80

National Strategic Mobility Conference (Washington, June 1980). illus Def Trans J 36:12-27 Aug '80

Railroads are our speciality. (Army Reserve rail units) Capt J. Michael Sulzbach. illus Translog 11:12-14 Nov '80

Transportation challenges in the 80s. MajGen John D. Bruen. Translog 10:3-4 Dec '79

"The whole world is watching" (ocean cargo in and out of Portugal). MSgt Franklin G. Lewis. illus Translog 11:2-4 May '80

TRANSPORTATION, MILITARY - ContinuedHistory

Yankee Boomers in action (Military Railway Service).
Kevin Conley Ruffner. illus Translog 11:1-5
Mar '80

TRANSPORTATION, SEA

See also
Merchant Marine
Military Sealift Command

TRANSPORTATION CENTERS AND SCHOOLSArmy

The Transportation Center. MajGen Harold I. Small.
illus tabs USA Avn Dig 26:2-5+ Oct '80

TRANSPORTATION CORPS

The U.S. Army Transportation Corps. illus Translog
11: inside back cover Jul '80

TRANSPORTATION DEPT

See also
Coast Guard--U.S.
Federal Aviation Administration

Fence the bears out? Gene R. Beaver. illus Def
Trans J 36:41-43 Aug '80

MTMCs response to contingency requirements. (Ad-
dress, Munitions Carriers Conference, Denver)
Paul R. Chagnon. illus Translog 11:17-19 Sep '80

Organization

Transportation emergency preparedness--are we
ready? Maj Ted A. Cimral. illus chart Def Trans J
36:74-81 Sep '80

TRANSPORTATION UNITS

See also
Airlift Units

Air Force

America's ships of state (support the official trans-
portation requirements of the President, Vice
President, the Cabinet, and the DOD). (89th Mil-
itary Airlift Gp and 76th Security Police Sq, An-
drews AFB, MD) MSgt David B. Drachlis. illus
Airman 24:38-42 May '80

Army

Railroads are our speciality. (Army Reserve rail
units) Capt J. Michael Sulzbach. illus Translog 11:
12-14 Nov '80

98th Trans Det (Bremerhaven Terminal) proves Re-
forger-ready. Capt Steven J. Brady. illus Translog
11:18-19 Dec '80

Transportation support in Exercise (Bold Eagle) en-
vironment. Translog 11:7-8 Jan '80

History

Yankee Boomers in action (Military Railway Service).
Kevin Conley Ruffner. illus Translog 11:1-5
Mar '80

TRANSUE, John R.

Defense Department Director of Air Warfare (Dr
John R. Transue). por Natl Def 65:7+ Dec '80

New challenge in defense: Affordability. John R. Tran-
sue. Natl Def 65:30-31+ Dec '80

TRAVEL

See also subdivision Description and Travel
under specific countries and cities

Around the United States as a Guardsman. illus Natl
Guard 34:26-27 Jun '80

Global travel and travelers' health. (Harry G. Arm-
strong Lecture) Eugene J. Gangarosa and others.
tabs Aviation, Space & Envmt Med 51:265-270
Mar '80

Meeting him on foreign shores. Susanne D. Williams.
AF Times pt 1, 41:43-44 Oct 13 '80; pt 2, 41:
47-48 Oct 20 '80

Your travel club--recreational sites at military
posts. SSgt Jim Boersema. map Soldiers 35:26-30
May '80

TRAVEL, MILITARY

See also
Transportation, Military

'Barracks' COLA lost: 'MALT-Plus' has chance.
Martha Lynn Craver. AF Times 41:3 Dec 8 '80

Bases now can buy teleticket machines. Len Famigli-
etti. AF Times 41:23 Sep 29 '80

Caught without cash? Tips on how to cope with travel
problems and emergencies. Jacki Smith. illus AF
Times 40:T3-T4+ May 19 '80

Discount air fares. TIG Brief 32:6 May 16 '80

5 bases to cut air travel costs. AF Times 40:15
Apr 7 '80

Four air carriers to serve DOD (and other Federal
agencies reduced-cost air transportation for offi-
cial travel). AF Times 40:3 Jun 16 '80

Going on leave? Try a 50% air discount. Len Famig-
lietti. AF Times 41:4 Dec 1 '80

Passports lacking. AF Times 41:14 Nov 24 '80

Plan would mean lower air fares. Len Famiglietti.
AF Times 40:3 Feb 25 '80

Reporting nonduty travel to communist-controlled
countries. TIG Brief 32:4 Jun 27 '80

Single-stop travel centers for 24 bases. AF Times
41:1+ Aug 25 '80

Steps taken to make traveling easier. Len Famiglietti.
AF Times 41:2 Oct 13 '80

Traveling via foreign flag carriers. TIG Brief 32:5
Aug 29 '80

Troops at remote stations getting new flight priority.
Len Famiglietti. AF Times 40:3 Apr 28 '80

TRAVEL, MILITARY - ContinuedCosts

Continental and Braniff join ranks offering discounts.
Don Hirst. AF Times 41:7 Nov 10 '80

Nine airlines are cutting fares for official travel. AF
Times 41:27 Dec 29 '80

Space Available

AF, Army study write-in space-A plan of Navy's.
Len Famiglietti. AF Times 40:2 Jun 30 '80

Around the United States as a Guardsman. illus Natl
Guard 34:26-27 Jun '80

Germany bound on space A. SP5 Linda D.Kozaryn.
illus Soldiers 35:28-31 Nov '80

Navy plan to restore space-A put on hold. Len Fa-
miglietti. AF Times 41:22 Jul 28 '80

TRAVEL PAY

Coast Guard continuing to get higher PCS \$\$. AF
Times 41:10 Oct 20 '80

In Alaska ... COLA is a way of life. Elinor E. Matis.
illus AF Compt 14:34-36 Jan '80

'Local area' travel broadened. AF Times 40:17
May 12 '80

MALT (Mileage Allowance in Lieu of Transportation)-
plus travel \$\$ approved. Martha Lynn Craver. AF
Times 41:3 Dec 15 '80

Navy asks higher PCS rate. AF Times 40:8 Jun 2 '80

Per diem goes up in 30 German cities. AF Times
41:13 Aug 25 '80

Special per diem. tab AF Times 41:17 Oct 20 '80

\$35-a-day travel asked immediately. AF Times 40:4
Jan 21 '80

Traveling via foreign flag carriers. TIG Brief 32:5
Aug 29 '80

TREASURY DEPTUnited States

How Treasury is using ADP to cleanup double pay-
ments. Govt Exec 12:22+ Jun '80

TREATIES AND ALLIANCES

Here are entered articles on acts, agreements, and
pacts between nations.

See also specific international agreements,

e. g.,

Central Treaty Organization
North Atlantic Treaty Organization
Warsaw Pact

Allies, clients, and encumbrances. Alan Ned Sabro-
sky. Intl Sec Rev 5:117-149 Summer '80

The effectiveness of the "Washington Treaty" Navy.
Thomas C.Hone. illus tabs Nav War Col Rev 32:
35-59 Nov-Dec '79

TREATIES AND ALLIANCES - Continued

The extended family. James Hansen. illus tabs Def &
For Aff 8:6-11 Sep '80

How close is a law of the sea? Interview. Elliot L.
Richardson. illus Def & For Aff 8, No.2:40-41 '80

Needed: An 'All-Oceans' Naval Alliance and 'a peace-
time constabulary of the seas.' Ray S.Cline. map
illus Sea Power 23:39-40+ Apr '80

Rossi decision: Rehearing urged on foreign hiring.
Tom Philpott. AF Times 41:4 Nov 17 '80

USSR and Red China in the Third World. Richard F.
Staar. illus map tabs NATO's Fifteen Nations 25:
81-82+ Jun-Jul '80

TREFRY, Richard G.

The Army IG says ... Interview. LtGen Richard G.
Trefry. por Soldiers 35:31-32 Aug '80

TRIALSSee also

Courts-Martial

Is it bigger than a breadbox? An administrative law
judge looks at cross-examination of experts. LtCol
Isaac D.Benkin. AF Law Rev 21, No.2:364-375 '79

On trial: A look at 'the system.' Helen Kay Ellsworth.
illus tab Soldiers 35:6-9 Nov '80

TROOP MOVEMENTS see Movement ControlTROPHIES see Awards, Decorations, etcTROPICAL REGIONS

A doctor's tour on the Eniwetok Atoll. Lloyd E.Dodd,
Jr. tabs Aviation, Space & Envmt Med 51:720-724
Jul '80

TROPICAL WARFARE see Jungle WarfareTRUCKS AND TRUCKING

COREX-80 a success. (First command post exercise
under MTMC Contingency Response (CORE) Pro-
gram) illus Translog 11:10-11 Dec '80

European road haulage--the hardware for the heavier
load. John Reed. illus Def Trans J 36:32-37
Apr '80

Fuel economy and the trucking industry. Richard F.
Poist and Lawrence M.O'Connor. illus tabs Def
Trans J 36:18-22+ Apr '80

New roles for intermodalism. Jim Wright. illus Def
Trans J 36:4-6+ Jun '80

Nuclear certification of general purpose commercial
vehicles. TIG Brief 32:13-14 Jun 27 '80

Putting the M915 on the road. illus Army Log 12:
17-19 Jul-Aug '80

Strides toward equity (Minority Trucking-Transporta-
tion Development Corp (MTTDC)). Debra Hower-
ton. illus Translog 10:5-8 Dec '79

TRUCKS AND TRUCKING - Continued

Truck transportation in a fuel-short economy. Donald L. McMorris. tabs Def Trans J 36:32-34+ Sep '80

History

The Army's truckathon (1919). illus Translog 11:1-4 Aug '80

Laws and Regulations

Analysis of the Motor Carrier Act of 1980. Donald E. Tepper. illus Def Trans J 36:5-10 Aug '80

The elusive law of intercorporate transportation. Frank L. Hicks, Jr. illus Log Spectrum 14:12-14+ Fall '80

TRUST TERRITORIES

Micronesia in transition. LT Jose Luis Betancourt. map illus US Nav Inst Proc 106:58-62 Feb '80

TUNNER, William H.

Genesis of flying safety. (Gen William H. Tunner) Maj James G. Gibson II. MAC Flyer 27:14-15 Jun '80

TURBINES see Gas Turbines (Aircraft)TURBULENCE

Coffin corner plus windshear equals upset. illus Aerosp Safety 36:18-19 Oct '80

Mountain waves--a force second only to tornados. LtCol James D. Simpson. illus tabs Aerosp Safety 36:16-19+ Mar '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Wind shear effects on aircraft--low-level shear and clear-air turbulence as accident causes. Chris Bulloch. illus tabs Interavia 35:1155-1158 Dec '80

TURKEY

Challenges and uncertainty: NATO's southern flank. James Brown. illus AU Rev 31:3-16 May-Jun '80

Exercise Display Determination '79. LtCol J.J.W. Hilgers. illus MarCor Gaz 64:64-73 May '80; Another view. Capt Andrew J. Franklin. 64:16-17 Aug '80

'Merhaba' Merzifon. MSgt Janet A. Wright. illus Air Reservist 32:10-11 May '80

Merhaba, Merzifon. (Colorado Air National Guard deployed units to Turkey after orientation in language and culture taught by Air Force Academy faculty members) Capt Katie Cutler. illus Airman 24:2-7 Mar '80

TURKEY - Continued

Reassessing Turkey: A faithful ally disillusioned and in trouble. Francis P. Butler. map Parameters 10:24-32 Mar '80

The superpowers and the Northern Tier. Zalmay Khalilzad. Intl Sec 4:6-30 Winter '79/'80

Turkey: Window on the East. SP5 Gary Kieffer. illus Soldiers 35:14-18 Apr '80

Foreign RelationsGreece

The Eastern Mediterranean's glum situation. Gen T.R. Milton, Ret. illus map AF Mag 63:56-57+ Sep '80

United States

Reassessing Turkey: A faithful ally disillusioned and in trouble. Francis P. Butler. map Parameters 10:24-32 Mar '80

Politics and Government

Turkey--present situation. LtGen Ira C. Eaker, Ret. AF Times 41:21-22 Dec 15 '80

Turkey's Army at the brink. Michael Dunn. Def & For Aff 8:42 Aug '80

Why Turkey's Army seized power. Michael Dunn. Def & For Aff 8:48 Oct '80

Strategic Importance

Turkey. Gen Nurettin Ersin. illus NATO's Fifteen Nations Special Issue No. 1:91-92+ '80

Turkey as a self-inflicted wound: The narrowing options for U.S. defense policy. Justin Galen. tab map Armed Forces J Intl 117:62+ Jun '80

TURNER, Stansfield

Critical intelligence issues of the 80s. BrigGen Clyde R. Dean and others. por Signal 35:9-12+ Oct '80

Thinking about the future of the Navy. ADM Stansfield Turner, Ret. por US Nav Inst Proc 106:66-69 Aug '80

TUTTLE, Jerry O.

Rapid deployment force C³. (Convention panel, AFCEA, Washington, June 26, 1980) RADM Jerry O. Tuttle and others. Signal 34:75+ Aug '80

TYPHOONS

Our training pays off. LtCol John H. Redgate. MarCor Gaz 64:21-22 Mar '80

UN see United Nations

USAFE see Air Forces in Europe

USAREUR see Army, Europe

USO see United Service Organizations

USSR see Russia

ULMER, Walter F., Jr

Notes on leadership for the 1980s. MajGen Walter F. Ulmer, Jr. por Mil Rev 60:10-12 Jul '80

UMPIRING

Quick or dead? MILES (Multiple Integrated Laser Engagement System) tells which one you'll be. MSgt Matt Glasgow. illus Soldiers 35:11-12 Jul '80

UNCONVENTIONAL WARFARE

See also specific types of unconventional warfare, e.g.,
Chemical-Biological Warfare
Guerrilla Warfare
Nuclear Warfare
Psychological Warfare

Are we at peace, or is this war? MajGen Richard Schulze. illus MarCor Gaz 64:43-47 Apr '80

UNDERDEVELOPED AREAS

See also
Third World

Effective aid. (CMEA (Council of Mutual Economic Assistance) and the developing countries' metal-making industries) A. Shevchenko. Soviet Mil Rev No. 10:50-51 Oct '80

Logistics--dilemma of developing nations. Col Syed Fazal-ur-Rahman. illus map Army Log 12:26-29 Jan-Feb '80

The Second World War and the national-liberation movement. Col V. Aidarov. Soviet Mil Rev No. 6: 42-44 Jun '80

Socialism and the developing countries. V. Kislov. Soviet Mil Rev No. 3:49-51 Mar '80

UNDERGROUND STRUCTURES

Subsurface engineering. Ralph B. Peck. illus tab Mil Engr 72:172-174 May-Jun '80

UNDERSEA RESEARCH VEHICLES see Submersible Vehicles

UNDERWATER OPERATIONS

Bottom recovery of undersea ordnance. William D. Ridley and Deam W. Given. illus US Nav Inst Proc 106:137-138 Mar '80

USSR catching up in ocean technology. Larry L. Booda. illus Sea Power 23:33-35 Sep '80

UNDERWATER RESEARCH

See also
Deep Submergence Systems Program
Ocean Mining

New solutions emerge to solve old sonar problems. George Rand. illus Def Elect 12:17-20 Oct '80

Physiological Aspects

Distortion and adaptation in underwater sound localization. M. J. Wells and Helen E. Ross. illus tabs Aviation, Space & Envmt Med 51:767-774 Aug '80

UNDERWOOD, George V., Jr

Principle and practices of leadership. Gen George V. Underwood, Jr, Ret. (Adapted from Air Defense Magazine, Oct-Dec 1978) Asian Def J No. 5:91+ Sep-Oct '80

UNIFIED COMMANDS

See also specific unified commands, e.g.,
Pacific Command
Readiness Command
Southern Command

UNIFORM CODE OF MILITARY JUSTICE

Art(icle) 15 can delay promotion date. AF Times 40:52 Feb 18 '80

Art(icle) 15 change: Punishes without scarring career. M. L. Craver. AF Times 40:3 Jan 21 '80

CMA: No Art(icle) 15 legal counsel required. AF Times 41:10 Oct 27 '80

Court-martial, Art(icle) 15 rates on rise. AF Times 40:9 Feb 25 '80

Courts-martial, Art(icle) 15s seen on rise. Don Mace. tabs AF Times 41:4 Sep 15 '80

GAO criticizes handling of Article 15s. AF Times 41:22 Sep 22 '80

Nonjudicial punishment upheld (by Court of Claims). AF Times 40:11 Jul 14 '80

The punishment of war crimes: Have we learned the lessons of Vietnam? Guenter Lewy. illus Parameters 9:12-19 Dec '79

The rule in Ginyard's case--congressional intent or judicial field expedient? Capt William A. Woodruff. AF Law Rev 21, No. 2:285-329 '79

UNIFORMS

Air Force--U.S.

Clothing policies and procedures. TIG Brief 32:9 Jun 13 '80

Functional organizational clothing and footwear items. TIG Brief 32:8 Feb 8 '80

Pantsuit first in uniform survey. John Ginovsky. illus AF Times 40:3 Mar 31 '80

Reg (AFR 35-10) limits hair styles. Pat Dalton. illus AF Times 41:1+ Nov 17 '80

UNIFORMS - ContinuedAir Force -- U. S. - Cont'd

Special distinctive uniform clothing items. TIG Brief 32:8 Jan 25 '80

35 proposals eyed (by Air Force Uniform Board): Skirts to 'come down.' AF Times 40:3 Apr 21 '80

25 uniform items win approval. Pat Dalton. AF Times 41:4 Dec 22 '80

The utility uniform: What about emblems? Pat Dalton. illus AF Times 41:7 Dec 8 '80

Women's uniforms. TIG Brief 32:9 Apr 4 '80

Armed Forces -- U. S.

Services again studying credit system for clothing. AF Times 41:3 Oct 6 '80

Army -- U. S.

Camouflage field uniform to regular Army fatigues. Army 30:55 Jan '80

Rhubarb over garb nothing new. Bruce Callander. illus AF Times 41:20+ Nov 3 '80

Spit & polish. SP5 Lana Ott. illus Soldiers 35:6-9 May '80

Uniforms for the '80s. SP5 Linda Kozaryn. illus Soldiers 35:11-13 Dec '80

Marine Corps -- U. S.

Uniform changes for officers. MarCor Gaz 64:6 Dec '80

UNION OF SOUTH AFRICA see South Africa (Republic)

UNIT TRAINS see Railroads

UNITED ARAB EMIRATESEconomic Conditions

United Arab Emirates: Economic developments. Carl Bazarian. tabs AEI For Plcy & Def Rev 2, No.3-4: 61-65 '80

Politics and Government

United Arab Emirates: Sociopolitical developments. John Duke Anthony. AEI For Plcy & Def Rev 2, No.3-4:56-60 '80

The United Arab Emirates: The first to go? Armed Forces J Intl 118:62+ Nov '80

Social Conditions

United Arab Emirates: Sociopolitical developments. John Duke Anthony. AEI For Plcy & Def Rev 2, No.3-4:56-60 '80

UNITED KINGDOM see Great Britain

UNITED NATIONS

Keeping the peace. Col N.L.Dodd. illus Asian Def J No.1:4-5+ Jan-Feb '80

UNITED NATIONS - Continued

Peacekeeping and the Inter-American system. LtCol John Child. Ret. tabs Mil Rev 60:40-54 Oct '80

UN debate on Cambodia. (Statement at UN General Assembly, Oct 16, 1980) Anthony Parsons. map Asian Def J No.6:34-38 Nov-Dec '80

UNITED NATIONS EMERGENCY FORCE

Keeping the peace. Col N.L.Dodd. illus Asian Def J No.1:4-5+ Jan-Feb '80

UNITED NATIONS MILITARY OBSERVER GROUPS

Duties of a UN military observer: Major (Trenton Pauley) helped keep peace in Mideast. Lt Mark A. Besich. AF Times 41:32 Nov 17 '80

Keeping the peace. Col N.L.Dodd. illus Asian Def J No.1:4-5+ Jan-Feb '80

UNITED SERVICE ORGANIZATIONS

Thank you for the memories. (The many contributions of entertainer Bob Hope) TSgt Alan Prochoroff. illus Airman 24:2-8 Dec '80

USO for the holidays. Ellen Paul. illus Soldiers 35: 38-39 Dec '80

UNITED STATES

In official corporate entries United States is usually omitted, e.g., Air Force Academy; however, it is included in names of nonofficial bodies, e.g., United States Armor Association.

Defenses

See Defenses--United States

Economic Conditions

America's lagging productivity. Frederick L. Haynes. tabs Signal 34:33-37+ Jan '80

The end of American exceptionalism. Daniel Bell. illus Parameters 10:2-18 Jun '80

How to sharpen Uncle Sam's defense sword, increase home-front human services, shrink the government, cut taxes, reduce the budget, and get America off its apathy. Armed Forces J Intl 118:99-100 Nov '80

The national purpose. Norman A.Graebner. illus Parameters 10:10-19 Mar '80

The U.S. in the 80's: An economic analysis. Joseph A.Wahed. Review 58:70-72 Jan-Feb '80

Economic Policy

Enhancing Navy productivity. William B.Shaner. illus tabs Armed Forces Compt 25:4-7 Feb '80

The nation's governors: In courteous revolt against Washington's ineptness in foreign trade details. illus Govt Exec 12:12+ Apr '80

The 1981 defense budget increase. Herschel Kanter. illus tabs Strat Rev 8:17-29 Spring '80

The U.S. in the 80's: An economic analysis. Joseph A.Wahed. Review 58:70-72 Jan-Feb '80

United States must have strength, will, and commitment of leader. (Highlights, Keynote address, National ROA Council Meeting, Washington, Feb 1980) Rep Robert Michel. illus Officer 56:12 May '80

UNITED STATES - ContinuedEconomic Policy - Cont'd

Why foreign policy will determine domestic tranquility in the 1980's. illus tab Govt Exec 12:14+ Dec '80

Foreign Economic Relations

Energy, economics and security in alliance perspective. Robert J. Lieber. tabs Intl Sec 4:139-163 Spring '80

The nation's governors: In courteous revolt against Washington's ineptness in foreign trade details. illus Govt Exec 12:12+ Apr '80

China (People's Republic)

Telecommunications services in (People's Republic of) China. Richard B. Nichols. illus Signal 34:42-44 Jan '80

Russia

Economic sanctions as a foreign policy tool? Otto Wolff von Amerongen. Intl Sec 5:159-167 Fall '80

Foreign Policy

Allies, clients, and encumbrances. Alan Ned Sabrosky. Intl Sec Rev 5:117-149 Summer '80

An alternative to appeasement. Mark N. Katz. illus US Nav Inst Proc 106:58-62 Jun '80

American arms for Sadat. Gen Saad El-Din-Al-Shazli. illus tabs Islamic Def Rev 5, No. 1:6-9 '80

American power and the survival of the West. James R. Schlesinger. illus Parameters 10:19-25 Jun '80

America's soft underbelly: Central America and the Caribbean. John J. Tierney. illus Sea Power 23: 14-16 Jun '80

Appeasement policies have not reaped rewards of peace and cooperation. (Remarks, Army Section, ROA National Council, Washington, Feb 1980) Ref Floyd D. Spence. illus Officer 56:14-16 May '80

Are the Americas ready to work together? Michael Morgan. illus Def & For Aff 8, No. 1:6-11 '80

The Army and the 1980's. Col John R. Witherell and LtCol Andrew P. O'Meara, Jr. illus Parameters 9:41-51 Dec '79

Bab-el-Mandeb--the gateway of tears for the U.S.? L. Thomas Walsh. map Armed Forces J Intl 118: 74+ Sep '80

The Commander in Chief and the public: Mass response to Johnson's March 31, 1968 bombing halt speech. Lee Sigelman. tabs J Pol & Mil Sociol 8: 1-14 Spring '80

Conflicting trends for arms transfer restraint. David J. Louscher and Michael D. Salomon. Nav War Col Rev 33:82-88 Nov-Dec '80

Confrontation in the Middle East. Gen Hamilton H. Howze, Ret. illus map Army 30:22-26 Aug '80

Dangerous bed-fellows (U.S., China and Japan). A. Vladimirov. Soviet Mil Rev No. 8:50-52 Aug '80

UNITED STATES - ContinuedForeign Policy - Cont'd

"Dear voter"--an open letter to the American electorate. Colin S. Gray. AF Mag 63:53-56 Oct '80

The debate over detente. Dan Caldwell. Armed Forces & Soc 7:165-170 Fall '80

Foreign policy and force requirements. Editorial. A. G. B. Metcalf. Strat Rev 8:9-10 Summer '80

Foreign policy begins at home. I. M. Destler. AEI For Plcy & Def Rev 2, No. 5:8-11 '80

Foreign policy commandments. Len Famiglietti. AF Times 41:24 Aug 25 '80

A foreign policy for America? Linda B. Miller. Intl Sec 4:177-191 Winter '79/'80

Foreign policy issues and the 1980 election: Context, hopes, and fears. Ole R. Holsti. AEI For Plcy & Def Rev 2, No. 5:15-18 '80

Historic example of cooperation (on occasion of the 35th anniversary of the Yalta Conference). N. Glagolev. Soviet Mil Rev No. 1:36-38 Jan '80

How the atomic blackmail began. Col A. Yakushevsky. Soviet Mil Rev No. 8:47-49 Aug '80

In defense of defense. Sen Nancy Landon Kassebaum. illus tabs Def Mgt J 16:38-42 Second Quarter '80

An inquiry into the persistence of unwisdom in government. (Edited version, Sol Feinstein Lecture, U.S. Military Academy, Oct 24, 1979) Barbara W. Tuchman. illus Parameters 10:2-9 Mar '80

The Mediterranean and Pentagon plans. V. Yefremov. Soviet Mil Rev No. 3:52-53 Mar '80

Middle-Eastern maelstrom. Robin N. Montgomery. illus map Natl Def 64:28-32+ Jun '80

The national purpose. Norman A. Graebner. illus Parameters 10:10-19 Mar '80

New hemispheric realities: Latin America outgrows U.S. policy. William Perry. Intl Sec Rev 5:43-56 Spring '80

The 1980s--destination unknown. John L. Frisbee. AF Mag 63:8-9 Jan '80

Organizing for national security. Philip A. Odeen. Intl Sec 5:111-129 Summer '80

Pentagon's "Eurostrategy" plans. V. Kuznetsov. Soviet Mil Rev No. 2:53-54 Feb '80

The Pentagon's plans for the Indian Ocean. V. Yefremov. Soviet Mil Rev No. 6:47-49 Jun '80

Political constraints on U.S. intervention in low-intensity conflicts. David W. Tarr. illus Parameters 10:51-60 Sep '80

Priorities for the Presidential campaign and the Presidency. Edward A. Kolodziej. AEI For Plcy & Def Rev 2, No. 5:18-22 '80

Reshaping U.S. regional policy. Francis X. Gannon. AEI For Plcy & Def Rev 1, No. 6:21-26 '79

Soviet perceptions of the American political milieu. Daniel S. Papp. illus Parameters 10:69-78 Jun '80

UNITED STATES - ContinuedForeign Policy - Cont'd

A strategic analysis of Northeast Asia and the Northwest Pacific. CAPT John F. Tarpey, Ret. illus maps US Nav Inst Proc 106:106-125 May '80

The swinging debate. (General Prize Essay, 1st Honorable Mention) RADM Robert Hanks, Ret. illus US Nav Inst Proc 106:26-31 Jun '80

"A time to every purpose": Some foreign policy requisites for the 1980s. Bernard C. Cohen. AEI For Plcy & Def Rev 2, No.5:5-8 '80

To what ends military power? Robert J. Art. illus tab Intl Sec 4:3-35 Spring '80

The tragicomedy of arms trade control. Richard K. Betts. Intl Sec 5:80-110 Summer '80

The trilemma of U.S. foreign policy. Seyom Brown. AEI For Plcy & Def Rev 2, No.5:2-4 '80

The umpteenth Cuban confrontation. Capt Leslie K. Fenlon, Jr, Ret. illus US Nav Inst Proc 106:40-45 Jul '80

United States must have strength, will, and commitment of leader. (Highlights, Keynote address, National ROA Council Meeting, Washington, Feb 1980) Rep Robert Michel. illus Officer 56:12 May '80

U.S. policy and Asia. (Excerpts from Defense Dept Annual Report, FY '81) Harold Brown. illus Asian Def J No.2:6+ Mar-Apr '80

U.S. policy on South Africa: "Absurd ... and dangerous." C.W. Borklund. illus Govt Exec 12:46+ Jul '80

U.S. security interests in the South Pacific. Elliott Hurwitz. map Asian Def J No.5:129-130 Sep-Oct '80

Vietnam: Was the system the solution? David E. Kaiser. Intl Sec 4:199-218 Spring '80

Why foreign policy will determine domestic tranquility in the 1980's. illus tab Govt Exec 12:14+ Dec '80

A world of escalating interdependencies. George W. Collins. AU Rev 31:102-108 Sep-Oct '80

History

FDR's "big stick." (Proposed naval quarantine of Japan, 1937) John McVickar Haight, Jr. illus US Nav Inst Proc 106:68-73 Jul '80

Foreign Relations

Appeasement policies have not reaped rewards of peace and cooperation. (Remarks, Army Section, ROA National Council, Washington, Feb 1980) Rep Floyd D. Spence. illus Officer 56:14-16 May '80

Is Russia behind U.S. crises? LtGen Ira C. Eaker, Ret. Natl Def 64:53 Apr '80

Rossi decision: Rehearing urged on foreign hiring. Tom Philpott. AF Times 41:4 Nov 17 '80

UNITED STATES - ContinuedForeign Relations - Cont'dHistory

NSC 68 and the Soviet threat reconsidered. John Lewis Gaddis and Paul Nitze. Intl Sec 4:164-176 Spring '80

Arab States

Defence problems in the Persian Gulf. Robert Elliot. illus tab NATO's Fifteen Nations 25:39-42 Oct-Nov '80

Argentina

Nuclear energy in Argentina. Jorge Antonio Aja Espil. AEI For Plcy & Def Rev 1, No.6:5-9 '79

Asia

U.S. policy and Asia. (Excerpts from Defense Dept Annual Report, FY '81) Harold Brown. illus Asian Def J No.2:6+ Mar-Apr '80

Asia, Southeastern

Civilian control of the military in Southeast Asia. Col John Schligh. illus AU Rev 32:56-69 Nov-Dec '80

U.S. role in South Pacific. illus Asian Def J No.6:53+ Nov-Dec '80

Caribbean Region

Latin American and Caribbean issues: 1980. Ben S. Stephansky. AEI For Plcy & Def Rev 2, No.5: 23-27 '80

China (People's Republic)

China, Soviet strategy, and American policy. Robert L. Pfaltzgraff, Jr. Intl Sec 5:24-48 Fall '80

Dangerous bed-fellows (U.S., China and Japan). A. Vladimirov. Soviet Mil Rev No.8:50-52 Aug '80

Europe, Western

America and Europe after Afghanistan. Gregory F. Treverton. illus NATO's Fifteen Nations 25:27-28+ Apr-May '80

Does NATO have a future? Walter F. Hahn. Intl Sec Rev 5:151-172 Summer '80

Iran

Iran: Setting the record straight. Mushahid Hussain. illus Islamic Def Rev 5, No.2:8-10 '80

Strategic price of the U.S. Iranian raid. Gregory Copley. Def & For Aff 8, No.5:48 '80

Israel

New evidence shows Israel's attack on USS Liberty far more vicious than thought. Armed Forces J Intl 117:18+ Jan '80

Japan

Dangerous bed-fellows (U.S., China and Japan). A. Vladimirov. Soviet Mil Rev No.8:50-52 Aug '80

UNITED STATES - ContinuedForeign Relations - Cont'dJapan--History

The Naval War College and the origins of war-planning against Japan. Michael Vlahos. illus Nav War Col Rev 33:23-41 Jul-Aug '80

The U.S. Navy and War Plan Orange, 1933-1940: Making necessity a virtue. Michael K. Doyle. illus Nav War Col Rev 33:49-63 May-Jun '80

Laos

Two scorpions in a cup: America and the Soviet airlift to Laos. Capt Earl H. Tilford, Jr. illus maps Aerosp Hist 27:151-162 Sep '80

Latin America

Are the Americas ready to work together? Michael Morgan. illus Def & For Aff 8, No.1:6-11 '80

Latin American and Caribbean issues: 1980. Ben S. Stephansky. AEI For Plcy & Def Rev 2, No.5: 23-27 '80

New hemispheric realities: Latin America outgrows U.S. policy. William Perry. Intl Sec Rev 5:43-56 Spring '80

Reshaping U.S. regional policy. Francis X. Gannon. AEI For Plcy & Def Rev 1, No.6:21-26 '79

Security to the south: U.S. interests in Latin America. Margaret Daly Hayes. Intl Sec 5:130-151 Summer '80

Middle East

American arms for Sadat. Gen Saad El-Din-Al-Shazli. illus tabs Islamic Def Rev 5, No.1:6-9 '80

Naval operations in the Middle East. VADM Gerald E. Miller, Ret. illus Islamic Def Rev 5, No.1: 10-13+ '80

The superpowers and the Northern Tier. Zalmay Khalilzad. Intl Sec 4:6-30 Winter '79/'80

The threat from NATO's blind side. Gen T.R. Milton, Ret. AF Mag 63:55 Jan '80

The troubled Middle East: More fluid, more important than ever. Gregory Copley. illus Def & For Aff 8, No.6:6-12+ '80

NATO

NATO and oil: Conflict and capabilities. Maj Chris L. Jefferies. illus AU Rev 31:35-46 Jan-Feb '80

Nicaragua

The fall of Somoza: Anatomy of a revolution. Robin Navarro Montgomery. illus Parameters 10:47-57 Mar '80

Oman

The search for U.S. bases in the Indian Ocean: A last chance. ADM Thomas H. Moorer, Ret and Alvin J. Cottrell. illus map Strat Rev 8:30-38 Spring '80

UNITED STATES - ContinuedForeign Relations - Cont'dPakistan

Pakistani geopolitics: The diplomatic perspective. Sultan Muhammed Khan. Intl Sec 5:26-36 Summer '80

The search for U.S. bases in the Indian Ocean: A last chance. ADM Thomas H. Moorer, Ret and Alvin J. Cottrell. illus map Strat Rev 8:30-38 Spring '80

Persian Gulf Region

The American threat to Saudi Arabia. Abdul Kasim Mansur. tabs map illus Armed Forces J Intl 118: 47+ Sep '80

Bab-el-Mandeb--the gateway of tears for the U.S.? L. Thomas Walsh. map Armed Forces J Intl 118: 74+ Sep '80

How the U.S. lost its footing in the shifting sands of the Persian Gulf--a case history in the Yemen Arab Republic. LtCol John J. Ruszkiewicz, Ret. map Armed Forces J Intl 118:62+ Sep '80

Russia

Afghan awakening. Editorial. A.G.B. Metcalf. Strat Rev 8:5-7 Spring '80

Analysis and compliance enforcement in SALT verification. Sen Gordon J. Humphrey. Intl Sec Rev 5: 1-26 Spring '80

"Dear voter"--an open letter to the American electorate. Colin S. Gray. AF Mag 63:53-56 Oct '80

The death of detente? Dimitri K. Simes. Intl Sec 5: 3-25 Summer '80

The debate over detente. Dan Caldwell. Armed Forces & Soc 7:165-170 Fall '80

Military asymmetries in the Soviet-American strategic balance. Capt Carl C. Krehbiel. illus RUSI J for Def Studies 125:24-32 Jun '80

(New Carter doctrine) LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Feb 11 '80

A post-detente strategy for the United States. Sen Henry M. Jackson. illus Strat Rev 8:11-16 Spring '80

Prospects for peace in the nuclear world. Arthur J. Vidich. J Pol & Mil Sociol 8:85-97 Spring '80

Soviet foreign policy: Consistencies, risks, implications for U.S. policy. LtCol John D. Baker, Jr. illus tab Mil Rev 60:25-30 Jun '80

Soviet perceptions of the American political milieu. Daniel S. Papp. illus Parameters 10:69-78 Jun '80

A structured framework for SALT decision-making. John M. Collins. tab AU Rev 31:22-26 Jan-Feb '80

The tragicomedy of arms trade control. Richard K. Betts. Intl Sec 5:80-110 Summer '80

What are U.S. interests? (Presentation, Council on Foreign Relations, New York, March 6, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 2-10, May '80

UNITED STATES - ContinuedForeign Relations - Cont'dRussia--History

NSC 68: A reappraisal. Joseph M. Siracusa. illus
Nav War Col Rev 33:4-14 Nov-Dec '80

South Africa (Republic)

The next U.S. crisis will be minerals and metals.
(Interview with Rep Jim Santini) illus Govt Exec
12:20+ Oct '80

U.S. policy on South Africa: "Absurd ... and dangerous."
C. W. Borklund. illus Govt Exec 12:46+
Jul '80

Thailand--History

Seizure of the North American NA-68 and NA-69.
Edward M. Young. illus tab Am Avn Hist Soc J 25:
194-198 Fall '80

Turkey

Reassessing Turkey: A faithful ally disillusioned and
in trouble. Francis P. Butler. map Parameters
10:24-32 Mar '80

Turkey as a self-inflicted wound: The narrowing op-
tions for U.S. defense policy. Justin Galen. tab
map Armed Forces J Intl 117:62+ Jun '80

Yugoslavia

Yugoslav security after Tito. Phillip A. Karber and
Jon L. Lellenberg. illus Strat Rev 8:44-58
Spring '80

History

American pacifists: The peculiar breed. Leslie An-
ders. illus Parameters 10:46-50 Sep '80

America's wars. Tables only. (Reprinted from Air
Force Policy Letter for Commanders; Supplement,
April 1979) Mil Rev 60:37 Jan '80

Army Times at 40-year mark (serving soldiers since
Aug 17, 1940). illus AF Times 41:29-32 Aug '80

Infantry in the Indian Wars (1866-1890). MSgt Patrick
E. Andrews, Ret. illus Infantry pt 1, 70:28-32
Jul-Aug '80; pt 2, 70:37-41 Sep-Oct '80

Special forces of the Plains. (Solomon Avengers,
Army scouts against the Indians, 1868) Michael L.
Starr. illus Army 30:43-45+ Feb '80

U.S. Army logistics during the Mexican punitive ex-
pedition of 1916. Maj George A. Millard. illus map
Mil Rev 60:58-68 Oct '80

Politics and Government

Change in power to affect military. AF Times 41:1+
Nov 17 '80

DOD transition team will smooth the way. AF Times
41:4 Nov 24 '80

Defense dialogue: Views of the (1980) presidential
challengers. Parameters 10:71-90 Mar '80

Democrats, Republicans, and the defense budget:
1969-1980. Lawrence J. Korb. illus tabs Sea Pow-
er 23:34-38 Oct '80

UNITED STATES - ContinuedPolitics and Government - Cont'd

The end of American exceptionalism. Daniel Bell.
illus Parameters 10:2-18 Jun '80

GOP dominates Senate panels (affecting the military).
Martha Lynn Craver. AF Times 41:3 Nov 17 '80

Government funded activism. H. Peter Metzger. Govt
Exec pt 1, Mindless destruction of U.S. society is
the theme. 12:38+ May '80; pt 2, If it is "consumer-
ism," the end justifies the means in government.
12:50+ Jun '80

How to sharpen Uncle Sam's defense sword, increase
home-front human services, shrink the govern-
ment, cut taxes, reduce the budget, and get Amer-
ica off its apathy. Armed Forces J Intl 118:99-100
Nov '80

An inquiry into the persistence of unwisdom in gov-
ernment. (Edited version, Sol Feinstein Lecture,
U.S. Military Academy, Oct 24, 1979) Barbara
W. Tuchman. illus Parameters 10:2-9 Mar '80

Marines: A political weapon. 1stLt R.S. Moore.
MarCor Gaz 64:27 Mar '80

A national scandal? (Sverdlovsk affair) Editorial.
Walter F. Hahn. Strat Rev 8:9-10 Spring '80

Party platforms. illus AF Times 40:10 Jul 14 '80

The planks and the plankowners: Republican and
Democratic defense platforms compared. L. Edgar
Prina. illus Sea Power 23:26+ Oct '80

A reanalysis of the Wallace movement. Ira M. Was-
serman. tabs J Pol & Mil Sociol 7:243-256 Fall '79

Senate voting on the Vietnam War, 1964-1973: From
hawk to dove. Paul Burstein. tabs J Pol & Mil
Sociol 7:271-282 Fall '79

Transition team: Members named. AF Times 41:14
Dec 8 '80

Social Conditions

The end of American exceptionalism. Daniel Bell.
illus Parameters 10:2-18 Jun '80

How to sharpen Uncle Sam's defense sword, increase
home-front human services, shrink the govern-
ment, cut taxes, reduce the budget, and get Amer-
ica off its apathy. Armed Forces J Intl 118:99-100
Nov '80

Statistics

Count off--Census 1980. Capt Gardner M. Nason.
illus Soldiers 35:52-53 Apr '80

Stand up and be counted. Mike Nason. illus Sergeants
18:14-15 Mar '80

Telecommunications and the 1980 Census. McRae
Anderson and Carl A. Walker. illus Signal 34:37-40
Mar '80

UNITED STATES ARMOR ASSOCIATION

Training the Armor Force. (Report on Annual Armor
Conference, U.S. Armor Assoc, Fort Knox, KY,
1980) illus tab Armor 89:23-45 Jul-Aug '80

UNITED STATES ARMY, EUROPE see Army, Europe

UNIVERSITIES AND COLLEGESGreat Britain

Pre-Service units. I: University Officers' Training Corps. MajGen P.C.Shapland. illus RUSI J for Def Studies 125:44-48 Mar '80

Pre-Service units. II: University air squadrons. SqLdr J.Sewell. illus map tabs RUSI J for Def Studies 125:44-48 Jun '80

United States

Modern-day mustangs. (Former NCOs work for degrees and commissions through AFROTC at Baptist College, Charleston, SC) Capt Dick Sheffield. illus Airman 24:32-36 Oct '80

URBAN MASS TRANSPORTATION see Transportation

URBAN WARFARE

Battle on the boulevard. SP5 Bill Branley. illus Soldiers 35:23-26 Sep '80

URBAN WARFARE - Continued

Helicopters in urban combat, an unanswered question. Capt Adolf Carlson. illus USA Avn Dig 26:8-15 May '80

MOUT (Military Operations on Urban Terrain) training--a combat service support need. Maj Bloomer D.Sullivan. illus Mil Rev 60:9-15 Sep '80

URBANIZATION see Cities and Towns

USTINOV, Dmitri

Soviet Defense Minister Dmitri Ustinov: A self-portrait. Michael M.Boll. illus Mil Rev 60:10-21 Dec '80

UTILITIES see Public Utilities

VTOL see Airplanes, V/STOL

VALUE ENGINEERING

Value engineering savings. TIG Brief 31:15
Dec 21 '79

VALVES

Compressed gas cylinder valves. TIG Brief 32:5
Oct 17 '80

Development, test, and evaluation of an advanced
anti-G valve for the F-15. R.R.Burton and others.
illus tabs Aviation, Space & Envmnt Med 51:504-509
May '80

Testing

Dr SAM (School of Aerospace Medicine)--from the
laboratory to the aircraft. illus TAC Attack 20:
23-25 Nov '80

VERTICAL TAKEOFF AND LANDING see Airplanes,
V/STOL

VERTIGO

Spatial disorientation. Maj Kenneth C. Dozier. Aerosp
Safety 36:12-13 Feb '80

200 & 1/2 mi. Maj Pete Abler. illus TAC Attack 20:
4-6 Jun '80

Where did I say I was? CDR V.M.Voge. (Reprinted
from Approach, Sep 1980) illus Aerosp Safety 36:
24-26 Nov '80

VETERANS

The aging veteran. Bryant Robey and Mary John. (Re-
printed from American Demographics, Nov-Dec
1979) illus tab Sergeants 18:18-22 Nov '80

Changing attitudes of war. Belinda L. Parker. illus
Sergeants 18:26-31 Nov '80

The changing view of the Vietnam vet. James A.
McDonnell, Jr. AF Mag 63:85 Jan '80

Ex-Ranch Hand volunteers needed for 'Orange' study.
AF Times 41:40 Nov 3 '80

Military socialization, childhood socialization, and
current situation: Veterans' firearms ownership.
Alan J. Lixotte and David J. Bordua. tab J Pol &
Mil Sociol 8:243-256 Fall '80

'Orange' memo upsetting. AF Times 40:13 Apr 14 '80

'Outside' scientists monitor Agent Orange study. AF
Times 41:9 Oct 6 '80

Public 'warms' to Vietnam veterans. Don Hirst. AF
Times 40:20 Jul 21 '80

Re-employment rights law little known. Officer 56:26
May '80

Senate approves bill for Viet vet memorial. Armed
Forces J Intl 117:12 Jun '80

VA's Agent Orange dilemma. Ed Gates. AF Mag 63:
91 Aug '80

Veteran status, earnings, and race--some long term
results. Roger D. Little and J. Eric Fredland. tabs
illus Armed Forces & Soc 5:244-260 Winter '79;
Commentary. Patricia M. Shields. 7:171-173; Re-
joinder. 7:174-175 Fall '80

VETERANS - Continued

Veterans seen as big election factor. Larry Carney.
AF Times 41:8 Dec 1 '80

Statistics

America's wars. Tables only. (Reprinted from Air
Force Policy Letter for Commanders: Supplement,
April 1979) Mil Rev 60:37 Jan '80

VETERANS, DISABLED

Aid for disabled veterans awaits Carter pen. Don
Hirst. AF Times 41:8 Oct 13 '80

Bill would free 12,500 disabled from continuing to
pay into SBP. AF Times 40:3 Apr 7 '80

Bill would let some disabled vets stop SBP. AF
Times 40:8 Jun 2 '80

DAV says vets get raw deal on jobs. Bob Williams.
AF Times 41:8 Sep 29 '80

Disabled spouses may be eligible for new benefits.
Officer 56:16 Dec '80

The Ranch Hand health effects study. (Presentation,
Subcommittee on Medical Facilities and Benefits,
House Veterans Affairs Committee, Washington,
Sep 16, 1980) LtGen Paul W. Myers. AF Plcy Ltr
for Comdrs: Sup, pp 37-39, Nov '80

VETERANS ADMINISTRATION

The aging veteran. Bryant Robey and Mary John. (Re-
printed from American Demographics, Nov-Dec
1979) illus tab Sergeants 18:18-22 Nov '80

DOD pushes SGLI, VGLI boost. Larry Carney. AF
Times 41:1+ Oct 20 '80

Going VA--it may not be your key to home ownership.
Thomas Slear. illus AF Times, Times Magazine
sup:22-24 Oct 6 '80

VA announces two national cemetery sites (Fort
Gillem, GA and Fort Custer, MI). Officer 56:30
Feb '80

VA budget cuts could force halt in free hospital care.
Larry Carney. AF Times 40:4 Mar 24 '80

VA seeks record-breaking FY '81 budget. MarCor
Gaz 64:9 Mar '80

The Veterans Administration: Fifty years of caring.
James A. McDonnell, Jr. illus AF Mag 63:99
Aug '80

VETERANS BENEFITS

See also

Bonuses

AFA policy paper: Defense manpower issues. AF
Mag 63:75-77+ Nov '80

The aging veteran. Bryant Robey and Mary John. (Re-
printed from American Demographics, Nov-Dec
1979) illus tab Sergeants 18:18-22 Nov '80

Aid for disabled veterans awaits Carter pen. Don
Hirst AF Times 41:8 Oct 13 '80

VETERANS BENEFITS - Continued

Bill would up tuition paid by VA for flight training.
AF Times 41:10 Oct 20 '80

Carter criticized (by veterans organizations), defended (by DefSec Brown). Laurie Parker. AF Times 41:4 Oct 27 '80

DOD may pay student loans for key EM. Paul Smith.
AF Times 41:3 Oct 27 '80

DOD wants Education Dept to fund GI Bill. Len Famiglietti. AF Times 41:15 Nov 3 '80

DOD would overhaul educational benefits. Richard C. Barnard. AF Times 40:1+ Feb 25 '80

Defense bill includes \$1200 in tuition aid. Martha Lynn Craver. AF Times 41:1+ Aug 18 '80

Defense to offer EM 3 education programs. AF Times 41:7 Nov 24 '80

House okays 2-step 10 percent boost in GI Bill. AF Times 41:4 Oct 6 '80

The military and the civilian economy since the loss of the GI Bill. Cecile S. Landrum. illus AU Rev 31:74-81 May-Jun '80; Comment. Stephen H. Morochnick. 32:101-102 Nov-Dec '80

Only 4 states still offer Viet bonus. AF Times 41:27 Sep 1 '80

Schooling aid plans abound--2 one-year test programs studied on Hill. Martha Lynn Craver. AF Times 40:3 Jul 21 '80

Senate extends GI Bill deadline. AF Times 41:7 Aug 18 '80

(Sen) Armstrong offers new GI Bill to boost recruiting incentives. Deborah M. Kyle. Armed Forces J Intl 117:14 Aug '80

(Sen William) Armstrong has GI Bill for '81. AF Times 41:3 Oct 27 '80

VA asks boost in vet compensation. Larry Carney. AF Times 40:33 Feb 11 '80

VA budget cuts could force halt in free hospital care. Larry Carney. AF Times 40:4 Mar 24 '80

VA's Agent Orange dilemma. Ed Gates. AF Mag 63: 91 Aug '80

Vet benefit control bills under fire at hearings. AF Times 40:10 May 5 '80

VETERANS DAY

Those who serve ... Maj Clifford H. Bernath. illus Soldiers 35:32-33 Nov '80

VETERANS ORGANIZATIONS

Carter criticized (by veterans organizations), defended (by DefSec Brown). Laurie Parker. AF Times 41:4 Oct 27 '80

DAV says vets get raw deal on jobs. Bob Williams. AF Times 41:8 Sep 29 '80

VFW breaks rule, endorses Reagan. AF Times 41:22 Aug 11 '80

Veterans seen as big election factor. Larry Carney. AF Times 41:8 Dec 1 '80

VETERINARY CORPSAir Force

Food service sanitation: Whose responsibility is it? TIG Brief 31:13-14 Dec 21 '79

Frequency of veterinary service inspection. TIG Brief 32:15 Apr 18 '80

Medical disaster control planning: How does the veterinary service contribute? TIG Brief 32:10 May 30 '80

Veterinarians are now under Biomed Sciences. Len Famiglietti. AF Times 40:20 Apr 7 '80

VETH, Kenneth L.

Shootout at Palembang: The "Hellbirds" mine the Moesi River. RADM K.L. Veth, Ret. Am Avn Hist Soc J 25:72-74 Spring '80

VIBRATION

Combined effects of broadband noise and complex waveform vibration on cognitive performance. C. Stanley Harris and Richard W. Shoenberger. illus tabs Aviation, Space & Envmt Med 51:1-5 Jan '80

Effects of whole-body vibration on spinal reflexes in man. J.P. Roll and others. illus tabs Aviation, Space & Envmt Med 51:1127-1233 Nov '80

Effects of whole-body vibrations on standing posture in man. B. Martin and others. illus tabs Aviation, Space & Envmt Med 51:778-787 Aug '80

Psychophysical comparison of vertical and angular vibrations. Richard W. Shoenberger. illus tabs Aviation, Space & Envmt Med 51:759-762 Aug '80

VIETNAM (SOCIALIST REPUBLIC)Chinese Invasion, 1979

Chinese conflict management. Maj Edward W. Ross. illus Mil Rev 60:13-25 Jan '80

Ideological indoctrination of Chinese servicemen. Col Yu. Petrov. Soviet Mil Rev No. 1:45-47 Jan '80

Southeast Asia today--cultural continuity and political instability. Thomas J. Bellows. illus AU Rev 31: 83-92 Sep-Oct '80

Foreign RelationsCambodia

Kampuchea's conflict boils over. Leigh Johnson. Def & For Aff 8, No. 3:15-18 '80

Southeast Asia today--cultural continuity and political instability. Thomas J. Bellows. illus AU Rev 31: 83-92 Sep-Oct '80

VIETNAMESE CONFLICT, 1957-1975

O tempora! O mores! James H. Toner. illus AU Rev 31:91-96 Mar-Apr '80

On dubious battles. Raymond Aron. Trans by John J. Madigan III. illus Parameters 10:2-9 Dec '80

VIETNAMESE CONFLICT, 1957-1975 - Continued

Only 4 states still offer Viet bonus. AF Times 41:27
Sep 1 '80

Senate approves bill for Viet vet memorial. Armed
Forces J Intl 117:12 Jun '80

Vietnam for the record: A review essay (of some
things that have been written about Vietnam). Maj
R.J.Rinaldo. Infantry 70:13-16 Jan-Feb '80

Vietnam War diplomacy: Reflections of a former Iron
Curtain official. János Radványi. illus Parameters
10:8-15 Sep '80

Aerial Operations, American

Patches: The hole story. MSgt Lawrence H. Lentz and
LtCol Arthur Sorenson. illus Air Reservist 32:
14-15 Sep-Oct '80

American Participation

American military performance in Vietnam: Back-
ground and analysis. Kurt Lang. J Pol & Mil Sociol
8:269-286 Fall '80

Civilian control of the military in Southeast Asia.
Col John Schligh. illus AU Rev 32:56-69 Nov-
Dec '80

Enlistment during the Vietnam era and the "represen-
tation" issue of the all-volunteer force. Patricia
M. Shields. tabs Armed Forces & Soc 7:133-151
Fall '80

Senate voting on the Vietnam War, 1964-1973: From
hawk to dove. Paul Burstein. tabs J Pol & Mil
Sociol 7:271-282 Fall '79

Vietnam: Was the system the solution? David E.
Kaiser. Intl Sec 4:199-218 Spring '80

Bibliography

In search of lessons: The development of a Vietnam
historiography. Joe P. Dunn. illus Parameters 9:
28-40 Dec '79

Lessons learned from Vietnam: Book review essay.
Allan R. Millett. MarCor Gaz 64:72-76+ Sep '80

Lessons Learned (Military)

"A foreign troop ..." Maj David P. Evans. illus US
Nav Inst Proc 106:32-37 Jun '80

Lessons learned from Vietnam: Book review essay.
Allan R. Millett. MarCor Gaz 64:72-76+ Sep '80

The lost lesson of Vietnam. LtCol Forrest K. Klein-
man, Ret. illus Mil Rev 60:64-71 Aug '80

Mach 2, reality or myth? The progression of maxi-
mum speeds in fighter aircraft. Pierre Sprey.
illus tabs Intl Def Rev 13, No.8:1209-1212 '80

Weapons words: Explosives safety history. John H.
Kawka. TAC Attack 20:22-23 Aug '80

Logistics

An analysis of Air Force logistics shortfalls of the
Vietnam buildup of 1965-68. LtCol John T. Quirk.
tabs AF J Log 4:3-8 Fall '80

VIETNAMESE CONFLICT, 1957-1975 - ContinuedMissing in Action

Chinese says remains of 400 MIAs in Hanoi. illus AF
Times 40:8 Jul 21 '80

Combat casualties who remain at home. Edna J.
Hunter. illus Mil Rev 60:28-36 Jan '80

Naval Operations, American

Military effectiveness of Navy men during and after
Vietnam. Anne Holberg. tabs Armed Forces &
Soc 6:232-246 Winter '80

Personal Narratives

Flares over Pleiku; Surprise backfires. Thomas S.
Batson. illus AF Times 41:16 Dec 1 '80

Of this are heroes made. (MSgt Wayne L. Fisk, one
of U.S. Jaycees' 10 Outstanding Young Men of
America) Sgt Craig Pugh. illus Airman 24:20-26
Jul '80

Reinventing the FAC: Vietnam, 1962. Maj Douglas
K. Evans, Ret. illus AF Mag 63:71-75 Feb '80

Vietnam--a soldier's view: Hugh McClure says his
movie will set the record straight. Tom Donnelly.
illus AF Times 41:47-48 Oct 27 '80

What the repatriated prisoners of war wrote about
themselves. David R. Jones. Aviation, Space &
Envmt Med 51:615-617 Jun '80

Political Aspects
See War--Political AspectsPrisoners of War

Col Donald Cook posthumously awarded Medal of
Honor. MarCor Gaz 64:4 Jul '80

Combat casualties who remain at home. Edna J.
Hunter. illus Mil Rev 60:28-36 Jan '80

Moral leadership. VADM James B. Stockdale, Ret.
illus US Nav Inst Proc 106:86-89 Sep '80

Raids and national command: Mutually exclusive!
LtCol Peter A. Kelly. illus Mil Rev 60:19-26
Apr '80

U.S. raiders killed 100-200 Chinese troops in 1970
North Vietnam foray. Benjamin F. Schemmer.
illus Armed Forces J Intl 117:32b-34 Jan '80

What the repatriated prisoners of war wrote about
themselves. David R. Jones. Aviation, Space &
Envmt Med 51:615-617 Jun '80

Psychological Aspects

American military performance in Vietnam: Back-
ground and analysis. Kurt Lang. J Pol & Mil Sociol
8:269-286 Fall '80

Public Opinion

The Commander in Chief and the public: Mass re-
sponse to Johnson's March 31, 1968 bombing halt
speech. Lee Sigelman. tabs J Pol & Mil Sociol 8:
1-14 Spring '80

Public 'warms' to Vietnam veterans. Don Hirst. AF
Times 40:20 Jul 21 '80

VIETNAMESE CONFLICT, 1957-1975 - ContinuedSearch and Rescue Operations

Search and rescue in Southeast Asia, 1961-1975.
Capt Earl H. Tilford, Jr. illus AU Rev 31:60-74
Jan-Feb '80

U.S. raiders killed 100-200 Chinese troops in 1970
North Vietnam foray. Benjamin F. Schemmer.
illus Armed Forces J Intl 117:32b-34 Jan '80

War Criminals

The punishment of war crimes: Have we learned the
lessons of Vietnam? Guenter Lewy. illus Param-
eters 9:12-19 Dec '79

TV on 'Nam: How big an impact? Bruce Callander.
AF Times 40:20+ Jul 14 '80

VINSON, Carl

A giant ship (USS Carl Vinson), a giant man (Carl
Vinson). James D. Hessman. por Sea Power 23:54
Apr '80

VIOLENCE

DOD wants civilians to handle abuse cases. Laurie
Parker. AF Times 41:2 Nov 10 '80

Terrorism: The international connection. Neil C.
Livingstone. illus Army 30:14-21 Dec '80

VISAS see PassportsVISUAL AIDS see Audio-Visual AidsVISUAL FLYING

Anatomy of an accident. Capt Glenn Sutherland. illus
Aerosp Safety 36:24-25 Mar '80

Defensive flying. Capt Dennis Storck. illus Aerosp
Safety 36:8-9 Jun '80

A lesson in defensive flying. Maj James G. Gibson II.
illus MAC Flyer 27:10-11 May '80

Pickup of visual information by the pilot during a
ground control approach in a fighter aircraft simu-
lator. J.P. Papin and others. illus tabs Aviation,
Space & Envmt Med 51:463-469 May '80

See and avoid. Maj Pete Abler. illus TAC Attack 20:
4-6 Apr '80

To see or not to see. Maj Tom Shaughnessy and Capt
Mike Shub. illus TAC Attack 20:26-29 Oct '80

Visibility, safety and you. MSgt Frederick N. Rottet.
illus Aerosp Safety 36:10-11 May '80

The visual approach and visual separation. TIG Brief
32:14 Feb 22 '80

Visual simulation in Navy training. A. Michael Spoon-
er and others. illus Def Mgt J 16:26-32 Fourth
Quarter '80

What you think you see ... sometimes isn't. Penelope
Nelson. illus Aerosp Safety 36:20-23 Aug '80

Where did I say I was? CDR V.M. Voge. (Reprinted
from Approach, Sep 1980) illus Aerosp Safety 36:
24-26 Nov '80

VISUAL FLYING - Continued

Whiteout: A rotary-wing winter menace. LtCol Rob-
ert L. Gardner. illus Aerosp Safety 36:8-11 Jan '80

VOLCANOES

The day the mountain blew. (Air Force Reservists
from Portland, OR, help rescue people trapped by
Mount St Helens's eruption) TSgt Alan Prochoroff.
illus Airman 24:2-8 Oct '80

Facing the mountain's fury! Terry Eddleman. illus
Air Reservist 32:6-8 Jul '80

Flight in the twilight zone. (Disaster relief opera-
tions at Mount St Helens) CW3 Russell D. Capps.
illus USA Avn Dig 26:29-33 Sep '80

A funny thing happened on my way ... LtCol Robert
D. Mielbrecht. illus TAC Attack 20:24-25 Jul '80

The Mount St Helens emergency. Col Terence J. Con-
nell. illus Mil Engr 72:311-315 Sep-Oct '80

A mountain queen attacks ... the Guard fights back.
illus Natl Guard 34:14-17 May '80

She (Mount Saint Helens) roared and blew--but the
cleanup has just begun. PFC Priscilla C. Munyon.
illus Natl Guard 34:25-27+ Aug '80

An unexpected visitor (Mount Saint Helens). Capt Pat-
rick M. Rosenow. illus Combat Crew 30:8-11
Dec '80

Volcanic ash removal continues at Fairchild (AFB,
WA). AF Times 40:4 Jun 16 '80

Volcanoes and airplanes. illus Aerosp Safety 36:16-17
Oct '80

VOLUNTARY SERVICE see Military Service, VoluntaryVOTING

Absentee voting: FPCAs (Federal Post Card Applica-
tions) pushed. AF Times 40:7 Jul 21 '80

Absentee voting seen rising sharply. AF Times 41:22
Nov 3 '80

Changes in the 1980 Voting (Assistance) Guide. AF
Times 40:12 Apr 28 '80

Early returns show more military are voting. AF
Times 41:14 Sep 15 '80

Military vote big, but will it be cast? Bruce Callan-
der. AF Times 41:20+ Sep 8 '80

New group (Association to Inform the Military (AIM))
to help get out vote. AF Times 41:18 Oct 6 '80

Ombudsman service aids absentee voters. AF Times
40:8 Apr 7 '80

Veterans seen as big election factor. Larry Carney.
AF Times 41:8 Dec 1 '80

Vote poll (1980 Post-election Voting Survey) to reach
17,000. AF Times 41:16 Nov 24 '80

The way to choose your president. SGM Bruce N.
Bant. illus Soldiers 35:48-50 Sep '80

What 'absentees' might have done. Bruce Callander.
map AF Times 41:24+ Nov 17 '80

Women and the vote. SGM Bruce N. Bant. illus Sol-
diers 35:52-53 Jun '80

You and politics--the do's and don'ts. SGM Bruce N.
Bant. Soldiers 35:51-52 Sep '80

WAPS see Weighted Airman Promotion System

WWMCCS see Worldwide Military Command and Control System

WAKE TURBULENCE see Turbulence

WALKER, Emmett H., Jr

Progress in training, readiness, manning. MajGen Emmett H. Walker, Jr. por Army 30:150-155 Oct '80

WALLACE, George C.

A reanalysis of the Wallace movement. Ira M. Waserman. J Pol & Mil Sociol 7:243-256 Fall '79

WALSH, John P.

Energy issues and time availabilities. John Patrick Walsh. AU Rev 32:17-33 Nov-Dec '80

The impact of the energy problem on world affairs. John Patrick Walsh. Log Spectrum 14:9-14 Summer '80

WAR

See also specific wars by name, e.g.,
 Arab-Israeli Conflict, 1967-
 Civil War--U.S.
 Iran-Iraq War, 1980-
 Korean War, 1950-1953
 Middle East War, 1973
 Napoleonic Wars
 Revolutionary War--U.S.
 Vietnam (Socialist Republic)--Chinese Invasion, 1979
 Vietnamese Conflict, 1957-1975
 War of 1812
 World War I
 World War II

Air power in the Central Region. AVM M.J. Armitage. illus RUSI J for Def Studies 124:33-38 Dec '79

Doing things the same or differently--an alternative approach to the study of conflict. Maj James M. Simpson. AU Rev 31:88-93 May-Jun '80

The economics of war: Doctrine, tactics, \$, rubles, Marx, Engels and Adam Smith. Col D.K. Malone. Armed Forces J Intl 117:72-73 Jun '80

The field-expedient factor: Adaptation and survival in the first battle. Roger A. Beaumont. illus Mil Rev 60:69-75 Oct '80

In defense of war. LtGen Ira C. Eaker, Ret. illus Mil Engr 72:156-158 May-Jun '80

New thoughts on war. MajGen B.E. Trainor. illus MarCor Gaz 64:49-51 Dec '80

On dubious battles. Raymond Aron. Trans by John J. Madigan III. illus Parameters 10:2-9 Dec '80

"On the brink of the final abyss": A statement on war. Lord Mountbatten. illus Def Monitor 9:1-2+ May '80

On the frequency of war: Toward a reconciliation of state sovereignty and world order. Henry Barbera. tab J Pol & Mil Sociol 8:257-268 Fall '80

WAR - Continued

The origin and essence of wars. Maj-Gen A. Babin. illus Soviet Mil Rev No. 11:10-12 Nov '80

Potential of internal conflict in Israel. Col Jay C. Mumford. Nav War Col Rev 33:74-83 Jul-Aug '80

Principles of deterrence. Col John M. Collins, Ret. illus tabs AU Rev 31:17-26 Nov-Dec '79; Comments. LtCol Michael B. Seaton and others. 31:77-84 Jul-Aug '80

Sadness and hope: Some thoughts on modern warfare. (Raymond A. Spruance Lecture, Naval War College, 1980) Herman Wouk. Nav War Col Rev 33:4-12 Sep-Oct '80

Economic Aspects

See also

Economic Warfare

also subdivision under specific wars

The economics of war: Doctrine, tactics, \$, rubles, Marx, Engels and Adam Smith. Col D.K. Malone. Armed Forces J Intl 117:72-73 Jun '80

Ethical Aspects

Consequences of breaking the rules. Don Mace. AF Times 41:18 Oct 27 '80

Deception, spying fall under Geneva accords. Don Mace. AF Times 41:12 Sep 29 '80

Holy war: Military power and religion. (Report of a seminar, May 9, 1979) RUSI J for Def Studies 125:14-20 Mar '80

JAG guide (AFP 110-34) outlines weapons legalities. Don Mace. AF Times 41:15 Oct 6 '80

'Laws' aim to limit civilian casualties. Don Mace. illus AF Times 41:39 Sep 15 '80

'Laws' (of armed conflict) define enemy targets. Don Mace. AF Times 41:34 Sep 8 '80

Laws on war: Quick survey. Don Mace. AF Times 41:7 Sep 1 '80

The moral dilemma of nuclear deterrence. Stephen M. Millett. illus Parameters 10:33-38 Mar '80

The moral factor in war. Col V. Zubarev. Soviet Mil Rev No. 10:13-15 Oct '80

Neutrals--their rights, duties. Don Mace. AF Times 41:17 Oct 13 '80

Treatment of POWs. Don Mace. AF Times 41:18 Sep 22 '80

War and ethics. James A. Stegenga. Armed Forces & Soc 7:152-159 Fall '80

Laws

See International Law

Political Aspects

American military performance in Vietnam: Background and analysis. Kurt Lang. J Pol & Mil Sociol 8:269-286 Fall '80

Causes of war through the writings of Aron and Waltz. B.A. Hamzah. illus Asian Def J No. 5:143-144+ Sep-Oct '80

WAR - ContinuedPolitical Aspects - Cont'd

Civilian control of the military in Southeast Asia. Col John Schligh. illus AU Rev 32:56-69 Nov-Dec '80

Historic example of cooperation (on occasion of the 35th anniversary of the Yalta Conference). N. Glagolev. Soviet Mil Rev No. 1:36-38 Jan '80

The Soviet invasion of Afghanistan. R.D.M. Furlong and Theodor Winkler. illus map Intl Def Rev 13, No. 2:168-170 '80

Vietnam War diplomacy: Reflections of a former Iron Curtain official. János Radványi. illus Parameters 10:8-15 Sep '80

War powers of the Constitution in historical perspective. Reginald C. Stuart. illus Parameters 10:65-71 Dec '80

Wars of national liberation--insurgency. Col Wendell E. Little, Ret. AU Rev 31:117-122 Sep-Oct '80

Who is war candidate? LtGen Ira C. Eaker, Ret. AF Times 41:19-20 Nov 3 '80

Principles

See Military Art and Science

Psychological Aspects

Changing attitudes of war. Belinda L. Parker. illus Sergeants 18:26-31 Nov '80

Determination in battle. MajGen T.S. Hart. illus Armor 89:30-37 May-Jun '80

Minimizing the psychological effects of a wartime disaster on an individual. David K. Kentsmith. Aviation, Space & Envmt Med 51:409-413 Apr '80

The moral factor in war. Col V. Zubarev. Soviet Mil Rev No. 10:13-15 Oct '80

The new mental battlefield: "Beam me up, Spock." LtCol John B. Alexander. illus Mil Rev 60:47-54 Dec '80

Psychiatric casualties. Maj Brian H. Chermol. illus Infantry 70:12-14 Nov-Dec '80

Statistics

America's wars. Tables only. (Reprinted from Air Force Policy Letter for Commanders; Supplement, April 1979) Mil Rev 60:37 Jan '80

On the frequency of war: Toward a reconciliation of state sovereignty and world order. Henry Barbera. tab J Pol & Mil Sociol 8:257-268 Fall '80

Study and Teaching

Causes of war through the writings of Aron and Waltz. B.A. Hamzah. illus Asian Def J No. 5:143-144+ Sep-Oct '80

WAR, FUTURE

After the tank, then what? Maj Orville T. Stokes, Jr. illus Fld Arty J 48:44-49 Jul-Aug '80; Mil Rev 60:2-12 Oct '80

Can a Third World War be prevented? Carl-Friedrich von Weiszäcker. Intl Sec 5:198-205 Summer '80

WAR, FUTURE - Continued

Close air support in modern warfare. WgComdr Jeremy G. Saye. illus tab AU Rev 31:2-21 Jan-Feb '80

Counter command and control in conceptual perspective. LtCol John E. Rothrock, Jr. AU Rev 31:94-101 Jan-Feb '80

Direct support field artillery beyond 1990. LtCol William W. Breen, Ret. illus Fld Arty J 48:33-38 Jul-Aug '80

A fantasy? (Iceland and Alaska as possible Soviet targets in the next conflict) CAPT William Outer-son, Ret. illus map US Nav Inst Proc 106:72-77 Apr '80

Fast troops. LtCol Burton S. Boudinot, Ret. illus Armor 89:30-35 Sep-Oct '80

Fighting with man-made lightning. Stefan Geisenhe-ner. illus Asian Def J No. 1:22-23+ Jan-Feb '80

GAO faults DOD on plans to handle war casualties. AF Times 41:4 Jul 28 '80

Gain the initiative with an armored raid. Capt Richard P. Geier. illus Mil Rev 60:48-57 Jun '80

The institution of sanctuary and the future war in Europe. Pervaiz Iqbal Cheema. Islamic Def Rev 5, No. 3:15-19 '80

Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79; Rebuttal: Yes, there really is a better way to win a war in Europe. Maj Leslie J. Hamblin. 31:70-72; Responses. Maj Charles W. Specht and others. 3:73-82 Sep-Oct '80

Law and conflict at sea. LT Roger D. Wiegley. illus Nav War Col Rev 33:68-77 Jan-Feb '80

The 1987 war--imagination or reality? BrigGen Avishai Katz. illus Mil Engr 72:396-399 Nov-Dec '80

"On the brink of the final abyss": A statement on war. Lord Mounbatten. illus Def Monitor 9:1-2+ May '80

Operations in the enemy rear--Soviet doctrine and tactics. C.N. Donnelly. illus Intl Def Rev 13, No. 1:35-41 '80

Perceptions of the next war: Historical perspective on adjustment of doctrine and tactics to weapons. Col T.N. Dupuy, Ret. tabs Armed Forces J Intl 117:49-50+ May '80

Prepared to respond. (Rapid deployment force) MSgt Matt Glasgow. illus Soldiers 35:10-14 Aug '80

Preparing the team for the Super Bowl. Col Gary R. Tompkins. illus Aerosp Safety 36: inside front cover Jun '80

Strategic warfare: Considering the future nuclear de-terrent force. Maj Bruce P. Mauldin. tabs Nav War Col Rev 33:84-92 Jul-Aug '80

USAF leaders see greater 'likelihood of war.' illus Sea Power 23:16-18 Aug '80

U.S. strategy for general nuclear war. Joseph D. Douglass. tab Intl Sec Rev 5:287-316 Fall '80

WAR, FUTURE - Continued

War in Europe? Medics not ready. AF Times 40:41 Jun 16 '80

Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80

WAR, LIMITED see Limited WarWAR AND EMERGENCY POWERS

Limited war and the War Powers Resolution. Maj A.J.Ponnwitz. illus MarCor Gaz 64:35-41 Oct '81

War powers of the Constitution in historical perspective. Reginald C.Stuart. illus Parameters 10:65-71 Dec '80

The War Powers Resolution: Congress vs the Commander in Chief. 1stLt Kevin E.Johns. illus US Nav Inst Proc 106:42-46 Dec '80

WAR AND TECHNOLOGY

Air power and new technology. Marshal Neil Cameron. illus NATO's Fifteen Nations Special Issue No.2:6-7+ '79

Ammunition in modern warfare. illus Armada Intl 4: 64-65+ Sep-Oct '80

Continuous operations. LtCol M.G.Hunt-Davis and Maj D.M.Freeman. RUSI J for Def Studies 125: 11-15 Sep '80

Fight against the night. SSgt Jim Boersema. illus Soldiers 35:18-21 Aug '80

Fighting with man-made lightning. Stefan Geisenhener. illus Asian Def J No.1:22-23+ Jan-Feb '80

'Stealth' aircraft technology. Harold Brown and William J.Perry. AF Plcy Ltr for Comdrs: Sup, pp 9-11, Oct '80

Technological competence and the military commander. J.S.Przemieniecki. illus AU Rev 32:70-78 Nov-Dec '80

WAR GAMESSee alsoUmpiring

Combat simulation for next to nothing. 1stLt T.X. Hammes. illus MarCor Gaz 64:68 Mar '80

Coordination in direct support--problems and solutions. illus Signal 34:29-32 Jul '80

Drones take on White Sands missiles. SrAmn Tom Power. illus AF Times 40:31 May 19 '80

Games people play. SSgt Jim Boersema. illus Soldiers 35:48-50 Jun '80

Games soldiers play. Maj James A.Probsdorfer. illus Armor 89:27-29 Mar-Apr '80

The Liddell Hart wargame. J.B.Poole. illus Army Qtr 109:42-47 Jan '79

A National Training Center blooming in the desert. SSgt Jim Boersema. illus Soldiers 35:18-22 Jul '80

The National Training Center (Fort Irwin, CA): The next thing to the ultimate realism. Col James B. Agnew. map illus Army 30:30-36 Feb '80

WAR GAMES - Continued

Suppression. LtCol Fred Meurer. illus tabs Fld Arty J 48:48-51 May-Jun '80

'Swinging the lamp.' (British and American troops in exercises between USAF Security Police and the Territorial Army) Capt Katie Cutler. illus Airman 24:2-6 Sep '80

Taking the guesswork out of training. (MAFIS, Mobile Automated Field Instrumentation System) SSgt Adolph C.Mallory. illus Army 30:45-46+ Aug '80

WAR MEMORIALS see MemorialsWAR OF 1812

A female Marine (Lucy Brewer) aboard the Constitution. Laurie L.Kittle. illus MarCor Gaz 64:53-56 Feb '80

WAR POTENTIAL

Escalation control. CDR Robert C.Powers. illus tabs US Nav Inst Proc 106:52-56 Jan '80

The Naval War College and the origins of war-planning against Japan. Michael Vlahos. illus Nav War Col Rev 33:23-41 Jul-Aug '80

Europe

Outlook into the future clouded by doubt. Wolfram von Raven. illus map Armada Intl 4:6-8+ Sep-Oct '80

NATO

USSR vs U.S.A.: The coming window for a first strike. Burt F.Raynes. Govt Exec 12:37-40+ Oct '80

Russia

Doubts and difficulties confronting a would-be Soviet attacker. P.H.Vigor. RUSI J for Def Studies 125: 32-38 Jun '80

Is there really a better way to win a war in Europe? Maj Charles W.Speccht. AU Rev 31:74-77; Responses. William S.Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B.Furlong, Ret. 31:80-81 Nov-Dec '79; Rebuttal: Yes, there really is a better way to win a war in Europe. Maj Leslie J.Hamblin. 31:70-72; Responses. Maj Charles W.Speccht and others. 3:73-82 Sep-Oct '80

Ivan the terrifying? GpCapt R.A.Mason. Hawk No.40: 35-38 Feb '80

Japan--economic giant and military pigmy. Dick Wilson. illus NATO's Fifteen Nations 25:25-26+ Feb-Mar '80

1980 Soviet strategy for war at sea. William J.Ruhe. illus Def Elect 12:43-44+ Jul '80

The Soviet buildup--why does the threat grow? Capt Richard M.Saunders. illus Mil Rev 60:61-71 Apr '80

Soviet mine barrier warfare capabilities in a central nuclear war. James Preston Layton II. illus Nav War Col Rev 33:42-52 Jul-Aug '80

Theater nuclear encirclement: Soviet SLBM's targeted on Western Europe. Floyd D.Kennedy, Jr. illus Natl Def 64:42-47 Feb '80

WAR POTENTIAL - ContinuedRussia - Cont'd

Thinking about Soviet C³. Norman Polmar. illus
NATO's Fifteen Nations 24:36-38+ Oct-Nov '79

USSR vs U.S.A.: The coming window for a first
strike. Burt F. Raynes. Govt Exec 12:37-40+
Oct '80

Warsaw Pact

The balance in Central Europe: Reflections through
the Soviet prism. LtCol Allan A. Myer. illus tabs
Nav War Col Rev 33:15-43 Nov-Dec '80

Basing the A-10 in Europe--strategic and mobility
problems. Col Orin C. Patton and Maj Kenneth W.
Engle. illus AU Rev 31:82-85 Mar-Apr '80

Close air support in modern warfare. WgComdr
Jeremy G. Saye. illus tab AU Rev 31:2-21 Jan-
Feb '80

Defending Europe against a conventional attack.
Kenneth J. Coffey. illus tabs AU Rev 31:47-59
Jan-Feb '80

NATO theater nuclear modernization. Joseph D.
Douglass. Intl Sec Rev 5:57-71 Spring '80

WAR SOUVENIRS AND TROPHIES

Revolutionary War sword replica donated (to Heritage
Gallery of the National Guard Assoc). illus Natl
Guard 34:6 Dec '80

'To the victor belong the spoils?' LtCol Thomas M.
Johnson. illus Army 30:42-45 Jul '80

WARD, John

Comptroller profile: Meet John Ward, Air Univer-
sity's "Father" of Data Automation. Capt Carl A.
McIntire III. AF Compt 14:19 Oct '80

WARE, Lewis B.

Shah Mat--the rise and fall of Muhammad Reza Pah-
lavi. Lewis Ware. AU Rev 31:114-117 Jul-Aug '80

WAREHOUSES see StorageWARFARE see specific types of warfare, e.g.,

Air Warfare
Antisubmarine Warfare
Armored Warfare
Chemical-Biological Warfare
Economic Warfare
Electronic Warfare
Guerrilla Warfare
Jungle Warfare
Land Warfare
Mine Warfare
Naval Warfare
Nuclear Warfare
Psychological Warfare
Space Warfare
Strategic Warfare
Submarine Warfare
Tactical Warfare
Unconventional Warfare
Urban Warfare

WARNER, John W.

'We're really on the threshold of a whole new era of
strength in the Reserves.' Interview. Sen John
Warner. por Officer 56:20-21 Jul '80

WARNING SYSTEMSSee also

Airborne Early Warning
Alert Systems
Ballistic Missile Early Warning System

ALR-67/69 replacement program under way. Def
Elect 12:29 Jul '80

Air defense radars--solutions from Selenia. Gowri
S. Sundaram. illus Intl Def Rev 13, No. 1:67-69 '80

Air Force C³ technologies. LtGen Robert T. Marsh.
illus Signal 35:32-36 Sep '80

The case for continental air defense. MajGen R. Rus-
sell Barber, Ret. illus Parameters 10:20-23
Mar '80

Deterrence and open space. Stefan T. Possony. illus
Def & For Aff 8, No. 2:28-31+ '80

Electronics takes to the offensive. Edgar Ulsamer.
illus AF Mag 63:41-50 Jul '80

Navy electronic warfare and counter C³ programs.
RADM A. A. Gallotta, Jr. illus Signal 35:19-22
Oct '80

Pave Paws at Otis (AFB, MA) now operational. AF
Times 40:17 Apr 21 '80

REMBASS (REmotely Monitored BATTLEfield Sensor
System)--the U.S. Army's new battlefield sensor
system. Gowri S. Sundaram. illus tabs Intl Def
Rev 13, No. 4:531-535 '80

The Sinai field mission: A step toward peace in the
Middle East. David A. Napoliello. map illus Pa-
rameters 9:20-27 Dec '79

Soviets reject explanation that warning alert failed.
AF Times 40:3 Jun 23 '80

WARRANT OFFICERSNavy

Navy acts to align Regular, Reserve WO. Officer
56:20 Nov '80

WARRANTY

Processing defective warranted items. TIG Brief
32:8 Jun 27 '80

Seeking the protection of the commercial warranty.
Ronald R. Chalecki. illus Def Mgt J 16:36-39 Third
Quarter '80

Laws and Regulations

Products liability and tort risk distribution in gov-
ernment contract programs. Maj Roger Dean Gra-
ham. tabs AF Law Rev 20, No. 4:331-422 '78

WARSAW PACTSee also subdivision under specific subjects,

e.g.,
Defenses--Warsaw Pact

WARSAW PACT - Continued

The birth of brotherhood. Col A.Orlov. illus Soviet Mil Rev No.5:9-11 May '80

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 63:121-124 Dec '80

"Fight outnumbered and win" ... against what odds? Col Daniel Gans, Ret. illus tabs map Mil Rev pt 1, 60:31-46 Dec '80

How much is not enough? The non-nuclear air battle in NATO's Central Region. Maj Charles L. Fox and LtCol Dino A. Lorenzini. illus tab Nav War Col Rev 33:58-78 Mar-Apr '80

Lasting peace and reliable security for Europe. V. Yefremov. Soviet Mil Rev No.7:52-53 Jul '80

NATO, nuclear weapons, and the death of detente. tabs Def Monitor 9: entire issue Mar '80

Reliable bulwark of peace. Col-Gen G.Sredin. illus Soviet Mil Rev No.5:2-8 May '80

The Warsaw Pact. International Institute for Strategic Studies. illus tabs map AF Mag 63:71-73 Dec '80

The Warsaw Pact--military exercises and military interventions. Christopher Jones. tabs Armed Forces & Soc 7:5-30 Fall '80

WARSHIPS

See also specific types of warships, e.g.,
Aircraft Carriers
Aircraft Carriers, Nuclear Powered
Amphibious Warfare Ships
Auxiliary Ships
Cruisers
Destroyers
Frigates
Minesweepers and Minesweeping
Sea Control Ships
Submarines
Submarines, Nuclear Powered

Fast missile craft. John Marriott. illus NATO's Fifteen Nations 25:87-88+ Aug-Sep '80

Foreword to Jane's (Fighting Ships 1980-81). Capt John Moore, Ret. illus Sea Power 23:38-40+ Sep '80

Sea services. Regular feature in issues of National Defense

Europe, Western

Europe's frigates: Built for NATO, for sale to the world. Manuel Ramirez Gabarrus. illus tabs NATO's Fifteen Nations 25:54+ Oct-Nov '80

Germany (Federal Republic)

Multi-purpose weapon system--Frigate Class F-122. Egbert Thomer. tab NATO's Fifteen Nations 24: 106 Oct-Nov '79

Troika and MP-MCMS--two mine-countermeasures systems from Krupp Mak. R.J.L.Dicker. illus tab Intl Def Rev 13, No.9:1372-1374 '80

WARSHIPS - ContinuedGreat Britain

The Royal Navy. Adm James Eberle. illus US Nav Inst Proc 106:26-31 Aug '80

The Royal Navy's Type 22 frigate. R.B.Pengelly. illus tab Intl Def Rev 13, No.1:70-74 '80

Warship building by British shipbuilders. R.J.Daniel. illus RUSI J for Def Studies 125:72-75 Mar '80

Italy

Saettia: A 2d generation naval combatant. Stefan Geisenheyner. illus Asian Def J No.2:34-36+ Mar-Apr '80

Libya

CNR's Wadi-class corvette and its derivatives. R.J.L.Dicker. illus tab Intl Def Rev 13, No.2: 235-238 '80

Nigeria

Second Mk 9 corvette for Nigeria. illus tab Intl Def Rev 13, No.5:690 '80

Russia

New Soviet pocket battleship (Kirov) unveiled. illus Def Elect 12:31 Apr '80

Soviet ship types. Arthur D.Baker III. illus tabs US Nav Inst Proc pt 1, 106:111-117 Nov '80; pt 2, 106:115-120 Dec '80

Soviets take lead in surface nukes. L. Edgar Prina. Sea Power 23:39-40 Jul '80

Their new cruiser. CAPT James W.Kehoe and Kenneth S.Brower. illus US Nav Inst Proc 106:121-126 Dec '80

Whither the Soviet Navy? CAPT Thomas A.Brooks. illus US Nav Inst Proc 106:103-104 Feb '80

Thailand

The Royal Thai Navy's Ratcharit-class. Enrico delle Capre. illus tabs Asian Def J No.5:83+ Sep-Oct '80

United States

A ship is not a home. LCDR L.E.Goodnight. US Nav Inst Proc 106:104-105 Mar '80

Surface warships: The bigger the better. CDR Timothy J.Keen, Ret. illus US Nav Inst Proc 106:102-104 Jan '80

WASTE DISPOSAL see Refuse and Refuse DisposalWATER

Domestic water reuse. John P.Collins and others. illus tab Mil Engr 72:104-106 Mar-Apr '80

Effects of a postexercise sauna bath on ECG pattern and other physiologic variables. Albert M.Paolone and others. tabs Aviation, Space & Envt Med 51: 224-229 Mar '80

Hot water at less than half the cost. Capt John L. Heiser. illus AF Engrg & Svcs Qtr 21:32-33 Feb '80

WATER-BASED AIRPLANES see SeaplanesWATER POLLUTION see PollutionWATER SAFETY

Sport scuba diving by USAF aircrew members. LtCol Bruce E. Bassett. illus tab Aerosp Safety 36:5-7 Jul '80

Survival: Drownproofing. MSgt Steve Krestian. illus Aerosp Safety 36:10-12 Jul '80

Water mishaps. TIG Brief 32:19-20 Sep 26 '80

WATERWAYSSee also

Panama Canal

The Dover Strait VTS (Vessel Traffic System). CAPT Charles W. Koburger, Jr. Ret. illus map US Nav Inst Proc 106:90-93 Feb '80

1,500 miles in a floating dry dock. RADM William T. Nelson, Ret. illus US Nav Inst Proc 106:86-89 Mar '80

Locks and Dam No. 26: Rehabilitation versus replacement. Col Leon E. McKinney and others. illus Mil Engr 72:110-113 Mar-Apr '80

A Marine Corps choke-point strategy. Capt Gary W. Anderson. illus map US Nav Inst Proc 106:103-104 Apr '80

Navigation in narrows. Capt V. Baranov. illus Soviet Mil Rev No. 7:24-25 Jul '80

The next twenty years of naval mobility. Thomas A. Clingan, Jr. illus US Nav Inst Proc 106:82-93 May '80

No more guesswork. CW2 Dale L. Puckett. illus US Nav Inst Proc 106:66-73 Oct '80

Our inland merchant marine and the Western Rivers. RADM Norman C. Venzke. illus tab 106:119-123 Oct '80

Waterways: The fourth pillar of defense. Leland R. Johnson. illus Mil Engr 72:404-408 Nov-Dec '80

History

The Lake Nicaragua naval base scheme. LCDR Daniel H. Wicks, Ret. illus map US Nav Inst Proc 106: 56-60 Aug '80

WEAPON SYSTEMS

Air defence of land forces in the 1980s. Col Norman L. Dodd. illus Asian Def J No. 2:62-63+ Mar-Apr '80

Barrage rockets. Enrico delle Capre. illus Asian Def J No. 4:61-62+ Jul-Aug '80

Defence and the world of Islam: Adding the laser dimension. Joseph J. Malone. illus tabs Islamic Def Rev 5, No. 2:32-37 '80

Defence industry newsbriefs. Regular feature in issues of Asian Defence Journal

WEAPON SYSTEMS - Continued

Defense industry news. Regular feature in issues of International Defense Review

European weapon control systems jump in capability. Stefan Geisenheyner. illus Def Elect 12:86+ Oct '80

International defense digest. Regular feature in issues of International Defense Review

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

The 120-mm tank gun and its ammunition--prospects for further performance improvements. Raimund Germershausen. illus tab Intl Def Rev 13, No. 6: 899-901 '80

Combat Evaluation

Lasers--beaming into a brighter future. SP5 Gary L. Kieffer. illus Soldiers 35:10-12 Oct '80

Suppression. LtCol Fred Meurer. illus tabs Fld Arty J 48:48-51 May-Jun '80

Towed artillery on future battlefields. Felix Müller. illus Armada Intl 4:6-8+ Mar-Apr '80

Costs

New challenge in defense: Affordability. John R. Transue. Natl Def 65:30-31+ Dec '80

Exhibitions

ADEX (Asian Defence Expo) 80 seen from the air. illus Aerosp Intl 16:16 Mar-Apr '80

Asian Defense Expo' 1980. illus Intl Def Rev 13, No. 4:567-574 '80

Asian Defence Expo 1980, Kuala Lumpur. illus Armada Intl 4:100+ Mar-Apr '80

Self-support for South East Asia's dominoes. maps Intl Def Rev 13, No. 4:463-465 '80

Weapons, electronics share spotlight at ADEX '80. Richard Hartman. illus Def Elect 12:25-26+ May '80

Hardening

Logistics support of nuclear hardened systems. George H. Kawanishi. illus tab AF J Log 4:25-27 Summer '80

Maintenance and Repair

Diminishing sources--a logistics problem. Maj Michael J. Higgins, Jr. illus tabs Log Spectrum 14: 6-8 Summer '80

Qualifications of nondestructive specialist: Do we care enough to offer the best? TIG Brief 32:5 Oct 31 '80

Reliability

(Naval equipment readiness) Interview. Willis J. Willoughby, Jr. illus Mil Elect/Countermeasures 6:14+ Aug '80

Testing

1980 Army weaponry. Eric C. Ludvigsen. illus Army 30:227-236+ Oct '80

WEAPON SYSTEMS - ContinuedCuba

Cuba's expanding power potential. F. Clifton Berry, Jr. illus tabs maps AF Mag 63:43-47 Apr '80

Germany (Federal Republic)

The AAAT--an armoured air-defense vehicle from Krauss-Maffei. Hasso Erb. illus tab Intl Def Rev 13, No.2:239-240 '80

Israel

They make aircraft too: IAI (Israel Aircraft Industries), Israel's technology base. Felix Müller. illus Armada Intl 4:18+ Jan-Feb '80

NATO

Missile unity: A NATO view. (Interview with G.R. Jefferson) David Harvey. illus Def & For Aff 8, No.3:39-41+ '80

Russia

Flexibility: A driving force in Soviet strategy. Phillip A. Petersen. illus AF Mag 63:94-98 Mar '80

Gallery of Soviet aerospace weapons. John W.R. Taylor. illus AF Mag 63:119-135 Mar '80

The Soviet defense establishment in the '80s. William T. Lee. illus tabs AF Mag 63:100-108 Mar '80

The Soviet march toward technological superiority. Jack Vorona. illus Defense/80, entire issue, Mar '80

Threat: The Soviet 70's revisited. Capt Carl E. Daschke. illus USA Avn Dig 26:44-48 Sep '80

United States

Air Force: Off to the future. Hy Kaplan. illus Sergeants 18:26-31 Sep '80

Army outlook--smart weapons and digital secure communications. Percy A. Pierre. illus Def Elect 12:65-66+ Nov '80

Assault Breaker. Konrad Alder. illus Armada Intl 4:50-52+ Jan-Feb '80

(Complex problems we face in maintaining defense preparedness) Interview. William J. Perry. illus Natl Def 65:50-55 Oct '80

The DIVAD (Division Air Defense) gun program--from the beginning to now. Maj Thomas A. Vereb. illus Air Def Mag, pp 26-29, Oct-Dec '80

Firms (Burroughs Corp and Sperry Univac) vie for computer job. AF Times 41:10 Dec 15 '80

Gallery of USAF weapons. Susan H.H. Young. illus AF Mag 63:136-149 May '80

Improving weapons in the fleet. Robert J. Massey and others. Def Sys Mgt Rev 3:97-104 Spring '80

In aeronautics, affordability is king. Edgar Ulsamer. illus AF Mag 63:55-61 Dec '80

"Intelligent" missiles for tomorrow. John S. Philipp. illus Asian Def J No.5:20+ Sep-Oct '80

WEAPON SYSTEMS - ContinuedUnited States - Cont'd

M-X weapon system ... an essential element of strategic deterrence. LtCol Thomas L. Bozarth. illus AF Engrg & Svcs Qtr 21:3-6 May '80

New weapons systems for the Army. SSgt Jim Boersma. illus Soldiers 35:47-50 Feb '80

Nine prejudices about future naval systems. David C. Hazen. illus US Nav Inst Proc 106:26-32 Jul '80

Phalanx--new close-in weapon system. Darrell Chapman. illus Armed Forces J Intl 117:44-45 Jun '80

Pilots who stick get preferences (for new weapon system assignments). AF Times 41:6 Dec 15 '80

The roar of the 8-incher. Truman R. Strobebridge and Bernard C. Nalty. illus Fld Arty J 48:30-36 Mar-Apr '80

Strategic offense and defense. (Presentation, Dept of Iowa, American Legion Convention, Sioux City, July 19, 1980) BrigGen William L. Shields. AF Plcy Ltr for Comdrs: Sup, pp 19-25, Sep '80

Tactical warfare developments into the 1980's. Robert A. Moore. illus Natl Def 65:22-27+ Aug '80

Costs

"Big 13" programs get 26% of hardware budget, 9% of total. Deborah G. Meyer. tab Armed Forces J Intl 117:26 Mar '80

Ocean control: Economics, exchange ratios and sea control. Norman L. Stone. tabs Mil Elect/Countermeasures 6:28+ Feb '80

Productivity, technology, and the illusion of the free lunch. Hans M. Mark. illus Defense/80, pp 8-13, Aug '80

WEAPON SYSTEMS MANAGEMENTSee also

Systems Engineering

Acquisition review: A help or a hindrance? LCDR Phillip I. Harvey. Def Sys Mgt Rev 3:103-109 Winter '80

Air Force research and development programs. (Presentation, Subcommittee on Research and Development, House Armed Services Committee, Washington, March 4, 1980) Robert J. Hermann. AF Plcy Ltr for Comdrs: Sup, pp 28-33, Jun '80

The Army's match game: Man to machine. James D. Baker. illus tab Def Mgt J 16:20-25 Second Quarter '80

Concurrency. Robert G. Gibson. illus tabs Def Sys Mgt Rev 2:67-77 Autumn '79

Concurrency today in acquisition management. Thomas E. Harvey. Def Sys Mgt Rev 3:14-18 Winter '80

The DOD businessman: Why MANTECH (MANufacturing TECHnologies) is as important as new weapons. illus Govt Exec 12:34+ Sep '80

DOD-wide work system could save \$36 billion. AF Times 41:27 Jul 28 '80

WEAPON SYSTEMS MANAGEMENT - Continued

- Developing tomorrow's combat vehicles. Col Lawrence B. Fitzmorris. illus tab Armor 89:22-25 May-Jun '80
- Forecasting the human-resource costs of Navy weapon systems. Peter D. Weddle and CDR Grant D. Fulkerson. illus Def Mgt J 16:6-11 Second Quarter '80
- The four billion-dollar annual data larceny. Thomas F. Walton. Govt Exec 12:22-23 Nov '80
- Front-end analysis for emerging systems. CDR Joseph F. Funaro and J.D. Fletcher. illus Def Mgt J 16:33-37 Fourth Quarter '80
- Human resource considerations from concept through deployment. William B. Askren and Gordon A. Eckstrand. illus Def Mgt J 16:12-19 Second Quarter '80
- Impact of repair level analysis on future operational logistics support. Richard L. Henshaw. AF J Log 4:21-22 Fall '80
- Improving weapons in the fleet. Robert J. Massey and others. Def Sys Mgt Rev 3:97-104 Spring '80
- OMB Circular A-109 impact on new development. Dean E. Roberts. illus Def Sys Mgt Rev 2:27-35 Autumn '79
- Operation Listening Post. TIG Brief 32:14 May 30 '80
- Productivity, technology, and the illusion of the free lunch. Hans M. Mark. illus Defense/80, pp 8-13, Aug '80
- Program management by intent. Errol Ekairab. AF J Log 4:20-22 Summer '80
- Statement on the M-X system. (Presentation, Subcommittee on Military Construction, Senate Appropriations Committee, Washington, May 6, 1980) Harold Brown. AF Plcy Ltr for Comdrs: Sup, pp 15-18, Jul '80
- Supportability: The fourth dimension in systems acquisition. TIG Brief 32:11 Jun 13 '80
- Survivability: A critical aspect of system acquisition. TIG Brief 32:12 Aug 29 '80
- System acquisition planning. TIG Brief 32:11 Oct 17 '80
- System safety program milestones. TIG Brief 32:20 Sep 12 '80
- Technology insertion--Rx for ailing ECM. Julian S. Lake. tabs Def Elect 12:35-36+ Jun '80
- Ten principles of project management. Robert E. Donovan. illus Mil Engr 72:339-342 Sep-Oct '80
- Weapon system program acquisition requirements. TIG Brief 32:9 Oct 31 '80

WEAPONS

See also specific types of weapons, e.g.,

Airplanes, Bomber	Nuclear Weapons
Armored Vehicles	Rockets
Artillery	Small Arms
Bombs	Tanks, Military
Grenades	Torpedoes
Machine Guns	

WEAPONS - Continued

- Air forces of Asia. Pushpinder Singh. illus tabs Asian Def J No. 3:34-36+ May-Jun '80
- Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies
- Weapon systems and equipment. Regular feature in issues of International Defense Review

Exhibitions

- Asian Defence Expo 1980, Kuala Lumpur. illus Armada Intl 4:100+ Mar-Apr '80
- Asian Defense Expo' 1980. illus Intl Def Rev 13, No. 4:567-574 '80
- Military highlights from Farnborough International '80. illus Intl Def Rev 13, No. 8:1285-1290 '80

Laws and Regulations

- JAG guide (AFP 110-34) outlines weapons legalities. Don Mace. AF Times 41:15 Oct 6 '80

Brazil

- The Uru submachine-gun. Ronaldo S. Olive. illus tab Intl Def Rev 13, No. 7:1117-1118 '80

Great Britain

- The Royal Navy's Type 22 frigate. R. B. Pengelley. illus tab Intl Def Rev 13, No. 1:70-74 '80

Italy

- Folgore: An advance in unguided anti-tank weapons. Eric Laurie. illus tabs Asian Def J No. 2:56+ Mar-Apr '80

- Genoa hosts third Italian naval exhibition (Mostra Navale 1980). illus tab Intl Def Rev 13, No. 7: 1111-1113 '80

NATO

- Air defense suppression in a Central European theatre. Konrad Alder. illus tabs Armada Intl 4:60-62+ Mar-Apr '80
- Field artillery in the 1980s. Ian Hogg. illus NATO's Fifteen Nations Special Issue No. 1:123+ '80

Statistics

- The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 63:121-124 Dec '80

- Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 63:128-129 Dec '80

- Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 63:128-131 Dec '80

Russia

- Chemical warfare: The dirty weapon. Betty Chapman. illus tab Natl Def 64:33-37 Jun '80

WEAPONS - ContinuedRussia - Cont'd

Gallery of Soviet aerospace weapons. John W.R. Taylor. illus AF Mag 63:119-135 Mar '80

The new artillery. Patrick F. Rogers. illus Army 30: 27-33 Jul '80; Fld Arty J 48:36-42 Nov-Dec '80

The parades on Red Square. Col Daniel K. Malone. illus Natl Def 65:64-66+ Oct '80

Soviet doctrine responds to antitank missile threat. LtCol William P. Baxter, Ret. illus Army 30:29-32 Aug '80

The Soviet ground forces. Col Daniel K. Malone. illus NATO's Fifteen Nations 25:46-48+ Oct-Nov '80

Threat: The Soviet 70's revisited. Capt Carl E. Daschke. illus USA Avn Dig 26:44-48 Sep '80

History

Weapons of victory. Col N. Shevchenko. illus tabs Soviet Mil Rev No. 8:40-42 Aug '80

Statistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 63:128-129 Dec '80

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 63:128-131 Dec '80

Switzerland

The militia forces of Switzerland. G.A. Chevallaz. illus tab NATO's Fifteen Nations 25:18+ Jun-Jul '80

United States

Chemical warfare: The dirty weapon. Betty Chapman. illus tab Natl Def 64:33-37 Jun '80

Gallery of USAF weapons. Susan H.H. Young. illus AF Mag 63:136-149 May '80

The new artillery. Patrick F. Rogers. illus Army 30: 27-33 Jul '80; Fld Arty J 48:36-42 Nov-Dec '80

1980 Army weaponry. Eric C. Ludvigsen. illus Army 30:227-236+ Oct '80

On the firing line. Regular feature in issues of National Defense

The other gas crisis--chemical weapons. Charles H. Bay. Parameters pt 1, 9:70-80 Sep '79; pt 2, 9:65-78 Dec '79

"Phasers, lasers and blazers." Maj G.R. Hepfner. illus Combat Crew 30:22-23 May '80

SAC's dual edged sword. Gen Richard H. Ellis. illus NATO's Fifteen Nations 25:18-20+ Apr-May '80

Statistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 63:128-129 Dec '80

WEAPONS - ContinuedUnited States - Cont'dStatistics - Cont'd

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 63:128-131 Dec '80

Warsaw PactStatistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 63:121-124 Dec '80

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 63:128-129 Dec '80

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 63:128-131 Dec '80

Yugoslavia

The Yugoslav ground forces: A look at the past and the present. Milan N. Vego. illus charts map tab Mil Rev 60:14-27 Nov '80

WEAPONS CONTROLLERS

Fact versus perception--the "fightergator" enters the 80s. Capt Joseph H. Wehrle, Jr. tabs Aerosp Safety 36:4-6 Oct '80

3-year CONUS tours open to o'seas WSOs. John Ginsky. AF Times 41:2 Nov 3 '80

WEAPONS LOADING COMPETITIONS see Munitions Loading CompetitionsWEAPONS PROCUREMENTSee also

Arms Sales

The best buy in ground attack aircraft--new or secondhand? Roy Braybrook. illus Asian Def J No. 4: 92-96 Jul-Aug '80

Defense industry news. Regular feature in issues of International Defense Review

Front-end analysis for emerging systems. CDR Joseph F. Funaro and J.D. Fletcher. illus Def Mgt J 16:33-37 Fourth Quarter '80

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

The 120-mm tank gun and its ammunition--prospects for further performance improvements. Raimund Gernershausen. illus tab Intl Def Rev 13, No. 6: 899-901 '80

Air Force--Australia

The R.A.A.F.'s new fighter--F-16 or F/A18. P. Lewis Young. illus tabs Asian Def J No. 6:56-57+ Nov-Dec '80

WEAPONS PROCUREMENT - ContinuedAir Force--France

The Matra Super 530: The French Air Force's new air intercept missile. illus tabs Intl Def Rev 13, No.1:47-50 '80

Air Force--Germany (Federal Republic)

German Air Force missions and planning. illus tab Interavia 35:303-308 Apr '80

Luftwaffe planning for the 1990s. C.Regulus. illus Intl Def Rev 13, No.4:491-494 '80

Air Force--Indonesia

The Hawk goes East. Brian Walters. illus Asian Def J No.5:30-31 Sep-Oct '80

Air Force--Malaysia

Skyhawks for the RMAF. Enrico delle Capre. illus Asian Def J No.3:65-66+ May-Jun '80

Air Force--NATO

Future European combat aircraft--where do we go from here? illus Intl Def Rev 13, No.5:656-657 '80

GAO raps DOD on NATO (E-3A) deal. Len Famiglietti. AF Times 41:26 Aug 18 '80

Air Force--Russia

The development of Soviet aviation support. James H. Hansen. illus tabs map Intl Def Rev 13, No.5: 681-685 '80

Air Force--SwedenHistory

The acquisition of the Seversky EP-1 (P-35) by the Royal Swedish Air Force. Nils Soderberg. illus Aerosp Hist 27:169-171 Sep '80

Air Force--U.S.

Contracting in Air Force Systems Command--finding a better way. Gen Alton D.Slay. Signal 34:7-9 Jul '80

Human resource considerations from concept through deployment. William B.Askren and Gordon A. Eckstrand. illus Def Mgt J 16:12-19 Second Quarter '80

Low rate initial production of USAF conventional munitions. Maj Wallace T.Bucher. illus tabs AF J Log 4:23-30+ Fall '80

Panel (Senate Armed Services Committee) wants no missile carrier. Len Famiglietti. AF Times 40:26 Jul 7 '80

Survivability: A critical aspect of system acquisition. TIG Brief 32:12 Aug 29 '80

What's new in lessons learned? Jeffrey R.Fox. AF J Log 4:12-13 Summer '80

WEAPONS PROCUREMENT - ContinuedArmed Forces--Africa

Pull factors in the transfer of conventional armaments to Africa. William P.Avery and Louis A.Picard. illus tabs J Pol & Mil Sociol 8:55-70 Spring '80

Armed Forces--Australia

Politics & defence: Australian military issues in the 1980's. Peter L.Young. illus Asian Def J No.1: 81-84+ Jan-Feb '80

Armed Forces--Europe, Western

Defence procurement--a European view. Per-Eric Jansson. RUSI J for Def Studies 124:19-22 Dec '79

Armed Forces--Great Britain

The British Statement on Defence Estimates. illus tabs Asian Def J No.4:78+ Jul-Aug '80

Needed: A defense-industrial strategy for the UK. Geoffrey Pattie. illus Def & For Aff 8, No.9: 6-9+ '80

The Royal Signals & Radar Establishment. illus maps Asian Def J No.2:78-79+ Mar-Apr '80

Armed Forces--Japan

Japanese 1980 defense budget and future R&D programs. Edward C.Ezell. illus tabs Intl Def Rev 13, No.3:340-344 '80

The Japanese Self-Defense Forces, 1980--issues, policies and technology for the coming decade. Edward C.Ezell. illus tabs Intl Def Rev 13, No.2: 187-197 '80

Armed Forces--NATO

The acquisition of armaments. illus Def & For Aff 8, No.4:6-9+ '80

Collaborative weapons acquisition: A closer look. Robert W.Dean. illus NATO's Fifteen Nations 25: 33-34+ Apr-May '80

Is reform needed in NATO arms procurement? J.B. Koepl. Intl Def Rev 13, No.5:658 '80

NATO and rationalization, standardization, and interoperability. LtCol Glynn E.Parker. illus Army Log 12:24-27 Mar-Apr '80

NATO armaments co-operation: The official U.S. DOD view. Intl Def Rev 13, No.6:803-806 '80

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80

The Vickers Valiant battle tank--a preliminary description. R.B.Pengelly. illus tab Intl Def Rev 13, No.3:395-399 '80

Armed Forces--Russia

The Soviet defense establishment in the '80s. William T.Lee. illus tabs AF Mag 63:100-108 Mar '80

WEAPONS PROCUREMENT - ContinuedArmed Forces--U.S.

Affordability--let's not make it a dirty word. RADM L.S.Kollmorgen and LCDR S.E.Briggs. tab Def Sys Mgt Rev 3:78-83 Summer '80

Carter orders "highest national priority" for XM-1, M-X and Pershing II programs. Armed Forces J Intl 117:17 May '80

Cruise missile development: The competition is fierce--everywhere. tabs illus Govt Exec 12: 22-24+ Jan '80

DOD-wide work system could save \$36 billion. AF Times 41:27 Jul 28 '80

The maturing of the DOD acquisition process. David D.Acker. illus tabs Def Sys Mgt Rev 3:7-77 Summer '80

Organizing for national security. Philip A.Odeen. Intl Sec 5:111-129 Summer '80

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80

Training and personnel systems technology: A boost to readiness. CDR Paul R.Chatelier. illus Def Mgt J 16:2-5 Second Quarter '80

What we always knew about acquisition but were afraid to do. William C.Wall, Jr and Leonard L.Rosen. tabs Def Sys Mgt Rev 3:84-95 Summer '80

Why "precision guided munitions" is plural, not singular. C.W.Borklund. illus tab Govt Exec 12: 41+ Mar '80

Why shelving the B-1 bomber was a dumb idea. tabs illus Govt Exec 12:24+ Mar '80

Costs

'Harsh world' is impetus in bigger budget. Eric C. Ludvigsen. illus tabs Army 30:26-33 Mar '80

Army--Finland

A new anti-tank weapon family from Finland. illus tab Intl Def Rev 13, No.5:737-738 '80

Army--France

AMX 32: The latest French battle tank. R.M. Ogorkiewicz. illus tabs Intl Def Rev 13, No.7: 1082-1086 '80

Renault wheeled armoured vehicles. R.M.Ogorkiewicz. illus tab Intl Def Rev 13, No.5:723-727 '80

Army--Germany (Federal Republic)

Up-gunning the Marder. illus tab Intl Def Rev 13, No.5:712-714 '80

Army--Malaysia

Malaysian armoured vehicle competition. tabs Intl Def Rev 13, No.4:466 '80

WEAPONS PROCUREMENT - ContinuedArmy--Switzerland

Saurer launches new off-road vehicles. illus Intl Def Rev 13, No.2:277 '80

Army--U.S.

The Army's match game: Man to machine. James D. Baker. illus tab Def Mgt J 16:20-25 Second Quarter '80

The comeback trail: Challenges in equipping the new Army. LtGen Donald R.Keith. illus Fld Arty J 48: 25-29 Sep-Oct '80

First production XMI's handed over. illus Intl Def Rev 13, No.3:317-318 '80

Multiple Launch Rocket System (MLRS) to counter surge attack. J.Philip Geddes. illus Intl Def Rev 13, No.5:728-732 '80

New weapons systems for the Army. SSgt Jim Boersema. illus Soldiers 35:47-50 Feb '80

1980 Army weaponary. Eric C.Ludvigsen. illus Army 30:227-236+ Oct '80

Patriot: The U.S. Army's mobile air-defense missile system nears production. Rudi Meller. illus Intl Def Rev 13, No.4:495-499 '80

Some operational aspects of the UH-60A Black Hawk. Charles Gilson. illus Intl Def Rev 13, No.7: 1067-1074 '80

The U.S. Army's Infantry and Cavalry Fighting Vehicles. David G.Holmes. illus tabs Intl Def Rev 13, 7:1075-1081 '80

Defense Dept--U.S.

Affordability and the acquisition of major defense systems. F.C.E.Oder. tab Def Sys Mgt Rev 3: 7-13 Winter '80

Alternatives for shortening the acquisition process. Maj David T.Spencer. Def Sys Mgt Rev 2:36-59 Autumn '79

The commercial revolution--it's coming in the defense business. T.R.Stuelpnagel. illus Armed Forces J Intl 117:63-64 May '80

Concurrency. Robert G.Gibson. illus tabs Def Sys Mgt Rev 2:67-77 Autumn '79

Concurrency today in acquisition management. Thomas E.Harvey. Def Sys Mgt Rev 3:14-18 Winter '80

DOD's five-year (FY 1981-1985) procurement plan previewed. Benjamin F.Schemmer. tabs Armed Forces J Intl 117:25-26 Feb '80

DOD's major hardware decisions. Tables only. Armed Forces J Intl 117:36-37 Aug '80

(Gen) Slay's initiatives: Alive, well and saving money. Deborah G.Meyer. illus Armed Forces J Intl 117:16+ Jul '80

The hang-up in force modernization: Not enough procurement dollars. Benjamin F.Schemmer. illus tab Armed Forces J Intl 117:30-31+ Aug '80

The impact of cost rises. David Harvey. illus Def & For Aff 8, No.1:40-41 '80

WEAPONS PROCUREMENT - ContinuedDefense Dept--U.S. - Cont'd

- Independent R&D: Key to technological growth. David D.Acker. Def Sys Mgt Rev 3:43-57 Winter '80
- Navy, USAF prevail--for the moment--in dispute with OSD on future of tac air. Benjamin F.Schemmer. illus Armed Forces J Intl 117:40-41 Aug '80
- OMB Circular A-109 impact on new development. Dean E.Roberts. illus Def Sys Mgt Rev 2:27-35 Autumn '79
- The role of the contract in systems acquisition. Harvey J.Gordon. Def Sys Mgt Rev 3:30-42 Winter '80
- Senate approves 11% hike in FY '81 weapons bill; biggest buy ever. Deborah M.Kyle. tab Armed Forces J Intl 117:8+ Aug '80
- Shortening the acquisition cycle. Augie G.Martinez. Def Sys Mgt Rev 2:60-66 Autumn '79
- Socio-economic objectives: Impact on civil and Defense agencies. Maj Richard J.Hampton and Richard J.Lorette. Def Sys Mgt Rev 2:78-88 Autumn '79
- Socio-economic program impact on acquisition management. Patrick D.Sullivan. tab Def Sys Mgt Rev 2:89-98 Autumn '79
- Three-fourths of FY '81-'85 DOD budget increases programmed for new hardware. Benjamin F.Schemmer. tab Armed Forces J Intl 117:26 Aug '80
- \$200 M sought for B-52 replacement. Len Famiglietti. AF Times 40:3 May 12 '80
- VHSIC--advanced components for a new generation of weapon systems. John Rhea. illus Intl Def Rev 13, No.6:887-890 '80
- Why the country cannot afford OSD: A case in point--the F-18 was not worth buying in the first place. George A.Spangenberg. illus Armed Forces J Intl 117:17-18 Aug '80
- Will four-step solve the problem? David N.Burt. Def Sys Mgt Rev 3:19-29 Winter '80

Costs

- Increasing emphasis on readiness in acquisition. Richard E.Biedenbender. tabs Def Sys Mgt Rev 2:99-106 Autumn '79
- New challenge in defense: Affordability. John R.Transue. Natl Def 65:30-31+ Dec '80

Marine Corps--U.S.

- Acquiring new armored vehicles & weapons. Col Larry R.Williams. illus tabs MarCor Gaz 64: 28-33 Dec '80
- Congress speeds up light armored vehicle alternatives for RDF forces. Deborah M.Kyle and Benjamin F.Schemmer. illus Armed Forces J Intl 117:16+ Aug '80
- The F/A-18 Hornet program. Interview. LtGen William J.White. illus MarCor Gaz 64:26-30 Oct '80
- Navy F-18, USMC AV-8B at issue again in strong split with OSD staff, OMB. illus Armed Forces J Intl 117:41-42 Aug '80

WEAPONS PROCUREMENT - ContinuedNavy

- Future frigate procurement--a joint American/European proposal. R.J.L.Dicker. illus Intl Def Rev 13, No.4:500-501 '80

Navy--Great Britain

- The Royal Navy's Type 22 frigate. R.B.Pengelly. illus tab Intl Def Rev 13, No.1:70-74 '80
- Sea Searcher contract. illus Asian Def J No.3:132-133 May-Jun '80

Navy--India

- The Indian Navy gets its Sea Harrier. Pushpinder Singh. illus Asian Def J No.2:39+ Mar-Apr '80

Navy--Italy

- MIN (Mine Identification and Neutralization)--the Italian Navy's mine disposal vehicle. R.J.L.Dicker. illus tab Intl Def Rev 13, No.3:377-378 '80

Navy--Libya

- CNR's Wadi-class corvette and its derivatives. R.J.L.Dicker. illus tab Intl Def Rev 13, No.2: 235-238 '80

Navy--Netherlands

- The Walrus class--new submarines for the Dutch Navy. Capt F. de Blocq van Kuffeler, Ret. tab illus (Also cutaway) Intl Def Rev 13, No.3:356-358 '80

Navy--Nigeria

- Second Mk 9 corvette for Nigeria. illus tab Intl Def Rev 13, No.5:690 '80

Navy--Russia

- A new trend in Soviet naval developments. Michael McGwire. illus Intl Def Rev 13, No.5:675-680 '80; Nav War Col Rev 33:3-12 Jul-Aug '80

Navy--Thailand

- The Royal Thai Navy's Ratcharit-class. Enrico delle Capre. illus tabs Asian Def J No.5:83+ Sep-Oct '80

Navy--U.S.

- Acquisition review: A help or a hindrance? LCDR Phillip I.Harvey. Def Sys Mgt Rev 3:103-109 Winter '80
- Boeing offers 707/ECX for TACAMO (TAke Charge And Move Out) role. illus tab map Intl Def Rev 13, No.5:688-689 '80
- F/A-18 Hornet--one aircraft, one man, multiple missions. Charles Gilson. illus Intl Def Rev 13, No.2:211-218 '80
- Forecasting the human-resource costs of Navy weapon systems. Peter D.Weddle and CDR Grant D.Fulkerson. illus Def Mgt J 16:6-11 Second Quarter '80
- Formulating improved figures of merit in aircraft acquisition. Charles Stiles. illus tabs Def Mgt J 16:56-60 First Quarter '80

WEAPONS PROCUREMENT - ContinuedNavy--U.S. - Cont'd

Harpoon: A PGM case-in-point of program mis-management. C.W. Borklund. illus Govt Exec 12:18+ Jan '80

Major Navy weapons programs. Table only. Sea Power 23:18-19 Feb '80

(Naval equipment readiness) Interview. Willis J. Willoughby, Jr. illus Mil Elect/Countermeasures 6:14+ Aug '80

Navy: Can the deeds match the words? Interview. Edward Hidalgo. illus Govt Exec 12:12+ Jan '80

Navy F-18, USMC AV-8B at issue again in strong split within OSD staff, OMB. illus Armed Forces J Intl 117:41-42 Aug '80

Navy's five year aircraft plan defers 55% of 1,212-plane buy to last two years. illus tab Armed Forces J Intl 117:41-43 Apr '80

Phalanx--new close-in weapon system. Darrell Chapman. illus Armed Forces J Intl 117:44-45 Jun '80

Planning for the Navy of the 1980s. VADM M. Staser Holcomb. illus tabs US Nav Inst Proc 106:40-45 Sep '80

Why SIRCS (Shipboard Intermediate Range Combat System) failed: The public record. Frank H. Featherston. Def Sys Mgt Rev 3:58-73 Winter '80

WEATHERSee also

Meteorology

also specific elements, e.g.,

Clouds	Tornadoes
Hurricanes	Turbulence
Ice	Typhoons
Lightning	Winds
Thunderstorms	

Facility damage from winter storms. TIG Brief 32:21 Jan 25 '80

Inflight weather avoidance service. Maj G.E. Schrimpf. illus Aerosp Safety 36:2-4+ Apr '80

Operation Snow Blow. Capt Alexander M. Lindsay. illus USA Avn Dig 26:42-44 Jan '80

Severe weather preparations. tab TIG Brief 32:17 Oct 31 '80

Snow blind. illus MAC Flyer 27:8-9 Jan '80

Military Applications

Aircraft tiedown procedures. TIG Brief 32:19-20 Nov 28 '80

Market Garden--the operation that failed. John F. Fuller. illus map Airlift Ops Rev 2:24-28 Oct-Dec '80

The rainmakers: How close are we to using weather as a weapon? Jacki Smith. illus AF Times 40:37-38 May 12 '80

Soviet norms for driving tanks in winter. LtCol William P. Baxter, Ret. illus tabs Mil Rev 60:2-8 Sep '80

WEATHER - ContinuedMilitary Applications - Cont'd

Weather patterns. TIG Brief 32:15 Nov 28 '80

What's the weather? 1stLt Lorraine Yashinski. illus Combat Crew 30:12-14 Nov '80

WEATHER CONTROL

The rainmakers: How close are we to using weather as a weapon? Jacki Smith. illus AF Times 40:37-38 May 12 '80

WEATHER FORECASTINGSee also

Radar--Weather Applications

Aviation meteorology and the WMO (World Meteorological Organization). Chris Bulloch. illus Intera-via 35:527-530 Jun '80

Inflight weather avoidance service. Maj G.E. Schrimpf. illus Aerosp Safety 36:2-4+ Apr '80

Satellite photos play alert role. AF Times 40:25 Jun 30 '80

Twenty years of forecasting progress: Weather from space. Theo Pirard. illus Aerosp Intl 16:55-56+ Sep-Oct '80

What's the weather? 1stLt Lorraine Yashinski. illus Combat Crew 30:12-14 Nov '80

WEATHER RECONNAISSANCE

Hurricane teams ready for storms. AF Times 41:65 Aug 18 '80

History

The Hurricane Hunters. Gary F. Frey. illus Am Avn Hist Soc J 25:45-56 Spring '80

WEBER, LaVern E.

ANG plays important role in combat capability. (Testimony before House Appropriations Committee) LtGen LaVern E. Weber. AF Times 40:16 Jul 7 '80

WEIBLE, Walter L.

LtGen Walter L. Weible, 1897-1980. por obit Army 30:12 Mar '80

WEIGHTED AIRMAN PROMOTION SYSTEM

E-6, 7: Test scores the difference. Bruce Callander. AF Times 40:4 Jul 7 '80

New achievement medal worth one WAPS point. Don Mace. AF Times 41:7 Nov 10 '80

Promotion tips. TIG Brief 32:9 Jan 11 '80

STEP (Stripes for Exceptional Performers) draws fire, but so did WAPS. Bruce Callander. illus AF Times 41:20+ Oct 13 '80

WEIGHTLESSNESS

Effect of simulated weightlessness on the immune system in rats. Linda D. Caren and others. illus tabs Aviation, Space & Envmt Med 51:251-255 Mar '80

WEIGHTLESSNESS - Continued

Piracetam and fish orientation during parabolic aircraft flight. Ronald B. Hoffman and others. illus tabs Aviation, Space & Envmt Med 51:568-576 Jun '80

WEIGHTS AND MEASURES

Inching into metrics. Edwin J. Pruszyński and Diane M. Dove. illus Translog 11:5-8 Dec '80

Metric conversion for defense. Thomas S. O'Connor. illus Natl Def 65:38-42 Dec '80

WEINBERGER, Caspar W.

Weinberger selected for SecDef. por AF Times 41:4 Dec 22 '80

WELFARE OF ARMED FORCES

Food stamp use on rise. Karen McKay. AF Times 40:3 Jun 2 '80

Food stamp use soars; AFJ estimates 60,000 need them. Benjamin F. Schemmer. Armed Forces J Intl 117:39-40 Apr '80

How to obtain food stamps. AF Times 40:3 Jun 2 '80

Let's all get behind MWR (Morale, Welfare and Recreation). Col Irv R. Gerrow. illus AF Compt 14:15 Oct '80

Need for emergency financial aid has skyrocketed in all the Services. Deborah G. Meyer. tabs Armed Forces J Intl 118:14+ Sep '80

USMC Commandant (Gen Robert H. Barrow) leads Services in urging troops to use food stamps. SSgt Don Shinkaruk. tab Armed Forces J Intl 117:39 Apr '80

USO for the holidays. Ellen Paul. illus Soldiers 35:38-39 Dec '80

WEST POINT, NY MILITARY ACADEMY see Military Academy, West Point, NY

WHEELSSee also

Airplanes, Military--Wheels

WHITCOMB, Richard T.

Aerodynamicist (Richard Travis Whitcomb): Flight theory personified. Jay Miller. AF Times pt 1, 40:32 Jun 23 '80; pt 2, 40:22 Jun 30 '80; pt 3, 40:28 Jul 7 '80

WHITE, William J.

The F/A-18 Hornet program. Interview. LtGen William J. White. por MarCor Gaz 64:26-30 Oct '80

Marine Aviation 1980: Progress, problems, and a preview of the future. Interview. LtGen William J. White. por MarCor Gaz 64:46-47+ May '80

WHITTLE, Alfred J., Jr

(Navy's hardware prospects--and problems) Interview. ADM Alfred J. Whittle, Jr. por Sea Power 23:24+ Apr '80

WICKHAM, John A., Jr

In Eighth U.S. Army, our eyes are on the north. Gen John A. Wickham, Jr. por Army 30:82-88 Oct '80

The Korean Peninsula: In transition. (Statement before the House Armed Services Committee, Feb 5, 1980) Gen John A. Wickham, Jr. por Defense/80, pp 20-24, May '80

WILDLIFE CONSERVATION

It's wild at Arnold. (A variety of wild animals in a wildlife reserve at Arnold Engineering Development Center) Capt Dick Sheffield. illus Airman 24:45-48 Aug '80

WILLIAMS, James E., Jr

The education-with-industry program. (Presentation, Education-with-Industry Symposium, Atlanta, Sep 15, 1980) James E. Williams, Jr. AF Plcy Ltr for Comdrs: Sup, pp 18-22, Oct '80

WILLIAMS, Robert H.

The 4th Marine Brigade. BrigGen R.H. Williams, Ret. MarCor Gaz pt 1, 64:58-68 Nov '80; pt 2, 64:59-64 Dec '80

WILLIAMSON, Janet S.

Using questions for learning. Capt Janet S. Williamson. Educ J 22:27-31 AY '79/'80

WILLOUGHBY, Willis J., Jr

(Naval equipment readiness) Interview. Willis J. Willoughby, Jr. por Mil Elect/Countermeasures 6:14+ Aug '80

WILLS

Will power. MSgt Matt Glasgow. illus Soldiers 35:53 Jul '80

Wills and the probate process. 1stLt Stephen E. Arthur. MarCor Gaz 64:21-22 Aug '80

WINDS

Coffin corner plus windshear equals upset. illus Aerosp Safety 36:18-19 Oct '80

Getting hooked on wind power. LtCol Thomas E. Kullgren and Maj Gary G. Worley. illus tabs AF Engrg & Svcs Qtr 21:35-39 Nov '80

Ground safety: Reporting natural phenomena. TIG Brief 32:20 Feb 8 '80

Mountain waves--a force second only to tornados. LtCol James D. Simpson. illus tabs Aerosp Safety 36:16-19+ Mar '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Tornadoes and flying machines don't mix--and neither does anything else. Capt John K. Sanders. illus tab TAC Attack 20:12-14 May '80

Wind circle airdrops--a different approach. Maj Jay A. Weiss. illus tab Navigator 27:8-9 Spring '80

WINDS - Continued

(Wind shear) Capt Tome Walters. illus Combat Crew pt 1, Wind shear for the line pilot. 30:26-27 Mar '80; pt 2, How aircraft react to a shear. 30:22-24 Apr '80; pt 3, Increasing headwind, decreasing headwind. 30:14-15+ May '80; pt 4, Reference ground speed. 30:18-19 Jun '80

Wind shear effects on aircraft--low-level shear and clear-air turbulence as accident causes. Chris Bulloch. illus tabs Interavia 35:1155-1158 Dec '80

WINSTEAD, Guy H., Jr

Supervisors: Can you really affect productivity, morale, or career intent? Col Guy H. Winstead, Jr. TIG Brief 32:1-2 Apr 4 '80

WIRE

Coming soon: Wire strike protection for helicopters. LeRoy T. Burrows. illus USA Avn Dig 26:36-39 Sep '80

Wire strike! illus Aerosp Safety 36:6-7 Mar '80

Wire strikes. illus USA Avn Dig 26:20-21 May '80

WIVES, MILITARY

Army wives speak out. SP5 Linda Kozaryn. illus Soldiers 35:28-32 Dec '80

Back to business: A retiree's wife learns there's nothing to fear but fear itself. Patricia Bloebaum. illus AF Times, Times Magazine sup:14-16 Dec 8 '80

Bill takes up issue of ex-spouse benefits. illus AF Times 40:3 Jun 9 '80

Busy Partner (orientation flight program for SAC wives at Minot AFB, ND). Capts Al Serrano and Rich Orkin. illus Combat Crew 30:8-9+ Mar '80

Dear sponsor: Here's what I need to know. illus AF Times, Times Magazine sup:4 May 5 '80

Disabled spouses may be eligible for new benefits. Officer 56:16 Dec '80

Divorce: Who earned what? Bruce Callander. AF Times 40:20+ Jul 7 '80

Divorced wives form group (EXPOSE) to lobby Hill for benefits. Laurie Parker. illus AF Times 41:11 Dec 29 '80

Job sharing: Military wives find a new approach to part-time work. Anna L. Conroy. illus AF Times, Times Magazine sup:54-56 Sep 1 '80

Meeting him on foreign shores. Susanne D. Williams. AF Times pt 1, 41:43-44 Oct 13 '80; pt 2, 41:47-48 Oct 20 '80

Selling Uncle Sam: What every recruiter's wife should know. Barbara Wills. illus AF Times, Times Magazine sup:4-7 Aug 4 '80

Soldier couples. SP5 Linda D. Kozaryn. illus Soldiers 35:10-14 Sep '80

WIVES, MILITARY - Continued

Spouses (Issues) Group sees progress on issues. (Interview with Barbara Allen) Don Mace. AF Times 41:10 Dec 29 '80

Survey of family attitudes--good communication most important. AF Times 41:10 Nov 3 '80

'You earned that retirement check, too.' Christine Langtry. illus AF Times, Times Magazine sup:6-10 Mar 3 '80

History

Legends of the Revolution: Women in the fight for independence. LtCol Gordon Taylor Bratz. illus Soldiers 35:24-25 Jul '80

WOMEN

160 women imprisoned for march on Pentagon. Laurie Parker. illus AF Times 41:10 Dec 1 '80

Soviet women. L. Mozokina. Soviet Mil Rev No.2:46-47 Feb '80

Women & credit: Equality at the bank. MSgt Matt Glasgow. illus Soldiers 35:34-35 Aug '80

Women and the vote. SGM Bruce N. Bant. illus Soldiers 35:52-53 Jun '80

WOMEN IN AVIATION

Jacqueline Cochran--1907-1980. illus AF Mag 63:31 Sep '80

History

Flugkapitain Hannah Reitsch. Col Alexander J. Rankin, Ret. illus Armed Forces J Intl 117:72-73 Feb '80

WOMEN IN THE AIR FORCEUnited States

(AF) Academy: 1st coed class (in) 22d graduation. illus AF Times 40:26 Jun 9 '80

'Bare' photos covered by conduct code. Len Famiglietti. AF Times 40:1+ Mar 24 '80

'Chico!' (Lt Edna Guevara overcomes prejudice) Sgt Craig Pugh. illus Airman 24:27-30 Sep '80

Colonel (Filomena Manor) can remain, but can't get court costs. AF Times 41:4 Sep 8 '80

Colonel (Filomena Manor) claims (forced) retirement illegal. John Ginovsky. AF Times 40:3 Jun 9 '80

The 'first ladies' of '80. Capt Dick Sheffield. illus Airman 24:2-7 Jun '80

14 women to get aircrew training. AF Times 40:12 May 26 '80

(Gen) Allen takes firm issue with sexual harassment. Len Famiglietti. AF Times 40:3 Apr 21 '80

Line officers retention trends same for sexes. tab AF Times 40:35 Jun 9 '80

O-6 (Filomena Manor) stops force-out at 30, will stay on duty. John Ginovsky. AF Times 40:2 Jul 7 '80

WOMEN IN THE AIR FORCE - ContinuedUnited States - Cont'd

She operates a gas station at 20,000 feet. 1stLt James C. Pearson. illus Sergeants 18:18-19 Sep '80

They are the first. Maj Thomas L. Sack. illus tab AF Mag 63:154-155 Sep '80

35 proposals eyed (by Air Force Uniform Board): Skirts to 'come down.' AF Times 40:3 Apr 21 '80

USAF's personnel situation in the 1980s. Ed Gates. tab AF Mag 63:98-100 Sep '80

Women get more specialties. AF Times 40:3 Jun 23 '80

Women in the military. (Presentation, Subcommittee on Military Personnel, House Armed Services Committee, Washington, Nov 14, 1979) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 2:2-5 Feb '80

Women to get centrifuge tests at SAM (School of Aviation Medicine). AF Times 41:20 Nov 17 '80

Women's uniforms. TIG Brief 32:9 Apr 4 '80

WOMEN IN THE ARMED FORCESUnited States

The answers (about women in service and in combat) aren't important. Bruce Callander. AF Times 40:14 Mar 24 '80

Carter: Women won't serve in combat. AF Times 40:6 Feb 25 '80

The changing military family: Impacts on readiness. Cecile S. Landrum. illus Parameters 10:78-85 Sep '80

DACOWITS again calls for 'combat.' AF Times 40:4 Jan 14 '80

DACOWITS (Defense Advisory Committee On Women In The Services) gaining new clout. AF Times 40:15 May 26 '80

DACOWITS--no sexism in recruiting literature. AF Times 40:17 Jan 14 '80

High Court to rule on male-only draft. AF Times 41:13 Dec 15 '80

(The military has a special problem with rape) Karen McKay. AF Times pt 1, 41:39-40 Aug 11 '80; pt 2, 41:47-48 Aug 18 '80

Sexism, law still obstacles (to full integration of women into the military). Karen McKay. AF Times 40:10 May 12 '80

Stress hits Service women hardest. Karen McKay. AF Times 40:12 Jun 30 '80

Supplemental food available for active duty women, kin. Len Famiglietti. AF Times 40:3+ Jun 2 '80

What happens when the boss is a woman. Marianne Lester. illus tab AF Times, Times Magazine sup:4-8+ Jan 14 '80

Women and the combat exemption. Judith H. Stiehm. illus Parameters 10:51-59 Jun '80; Commentary and reply. 10:92-94 Sep '80

WOMEN IN THE ARMED FORCES - ContinuedUnited States - Cont'd

Women denied husband (health) care get break. AF Times 41:2 Jul 28 '80

Women graduates of the Academies. LtGen Ira C. Eaker, Ret. AF Times 40:19-20 Jun 16 '80

Women in combat? Two views. Majs Doris H. Kessler and Richard A. Gabriel. illus Army 30:44-45+ Mar '80

Women in the military. (Presentation, Subcommittee on Military Personnel, House Armed Services Committee, Washington, Nov 14, 1979) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 2:2-5 Feb '80

Women testify: Harassed by language. AF Times 40:5 Feb 25 '80

WOMEN IN THE ARMYUnited States

Army's (2dLt Marcella A.) Hayes, 1st Black woman military aviator in U.S. forces. SP4 Robin Drew. illus USA Avn Dig 26: inside back cover Jan '80

The changing face of Army basic training: More flexible and coeducational. Thomas J. Celli. illus Def Mgt J 16:22-29 First Quarter '80

The female airdefender: A historical sketch. Linda Pirino Ross. illus Air Defense Mag, pp 46-74, Jul-Sep '80

First-class Army... 4th class living conditions. Interview. LtGen Julius W. Becton, Jr. illus Army 30:22-26 Nov '80

The influence of U.S. Army basic initial entry training on the muscular strength of men and women. Joseph J. Knapik and others. illus tabs Aviation, Space & Envmt Med 51:1086-1090 Oct '80

Personality characteristics of male and female leaders at the U.S. Military Academy. Maj Jerome Adams and others. tabs J Pol & Mil Sociol 8:99-105 Spring '80

So a nice girl like you wants to drive a Huey. Capt Deborah K. Gilbert. illus USA Avn Dig 26:15-17 Jul '80

Working together: The Army's assault on sexism. SGM Bruce N. Bant. illus Soldiers 35:6-9 Oct '80

History

Legends of the Revolution: Women in the fight for independence. LtCol Gordon Taylor Bratz. illus Soldiers 35:24-25 Jul '80

Mary Walker: Only woman to win the Medal of Honor. Leonard Berlow. illus AF Times, Times Magazine sup:60-61 Sep 1 '80

Self-made man. (Dr Mary Walker, Civil War medic) illus Armed Forces J Intl 117:67 Apr '80

WOMEN IN THE MARINE CORPSUnited States

Women Marines in FMF (Fleet Marine Force) units. MarCor Gaz 64:4 Jun '80

WOMEN IN THE MARINE CORPS - ContinuedUnited States - Cont'dHistory

A female Marine (Lucy Brewer) aboard the Constitution. Laurie L. Kittle. illus MarCor Gaz 64:53-56 Feb '80

WOMEN IN THE NAVYUnited States

Attrition among Navy enlisted women. Patricia J. Thomas. tabs Def Mgt J 16:43-49 Second Quarter '80

Is parity possible in female billets? LT Michael R. Schaefer. illus tab US Nav Inst Proc 106:103-104 Sep '80

Navy women in combat: Who needs them? LuAnne K. Levens and Deborah G. Meyer. illus tab Armed Forces J Intl 117:26+ Apr '80

WOOD, Allan T.

The light armored corps--a strategic necessity. LtGen James F. Hollingsworth, Ret and MajGen Allan T. Wood, Ret. Armed Forces J Intl 117: 20-22+ Jan '80

WOODS, Charles E.

Air Force Commissary Service. por AF Mag 63:105-106 May '80

WORD PROCESSING

Automating the State Department. Govt Exec 12:50 Aug '80

GSA region scores with word processing. Robert M. Redmond. Govt Exec 12:48-50 Apr '80

Word processing for logistics. John Seymour. Army Log 12:27 May-Jun '80

Word processing: Productivity solution, or paperwork shuffle? Laurence A. Polzak, Jr. illus Armed Forces Compt 25:26-29 May '80

WORK MEASUREMENT see Output MeasurementWORK SIMPLIFICATION

The hidden flaw in the statutory attempt to cut down government's red tape. Govt Exec 12:21-23 Sep '80

WORK WEEK see Hours of LaborWORLD ORGANIZATION see International OrganizationWORLD POLITICS see International PoliticsWORLD WAR IAerial Operations, American

An airman to remember (Sgt1C Fred Graveline). Merle C. Olmsted. illus Am Avn Hist Soc J 25:119-123 Summer '80

America's first bombers. Frederick V. Ludden. illus Natl Def 64:36-39+ Feb '80

WORLD WAR I - ContinuedAerial Operation, American - Cont'd

The Caquot flies again. Patricia Turner Schriver. illus AU Rev 31:46-54 May-Jun '80

Campaigns and Battles

Gorlice-Tarnow: The eastern front in 1915. Neil M. Heyman. Army Qtr 109:60-73 Jan '79

12th Lancers at Moy (1914). Capt Douglas S. Aykroyd. illus map Armor 89:20-23 Jan-Feb '80

The 4th Marine Brigade. BrigGen R.H. Williams, Ret. illus maps MarCor Gaz pt 1, 64:58-68 Nov '80; pt 2, 64:59-64 Dec '80

A private soldier's account. (Arras, 1917) Nigel Wilcockson. map Army Qtr 109:86-93 Jan '79

Personal Narratives

A private soldier's account. (Arras, 1917) Nigel Wilcockson. map Army Qtr 109:86-93 Jan '79

World War I days: Excerpts from a scrapbook. Ralph W. Rogers. illus Mil Rev 60:71-77 Jun '80

WORLD WAR II

Historic example of cooperation (on occasion of the 35th anniversary of the Yalta Conference). N. Glagolev. Soviet Mil Rev No. 1:36-38 Jan '80

The Second World War and the contemporary period. MajGen S. Tyushkevich. Soviet Mil Rev No. 8:2-5 Aug '80

The Second World War and the national-liberation movement. Col V. Aidarov. Soviet Mil Rev No. 6: 42-44 Jun '80

U.S. antitank doctrine in World War II. Philip Dwight Jones. illus Mil Rev 60:57-67 Mar '80

Aerial Operations, American

ATC Hump flights: Risky super effort. Jay Miller. illus AF Times 41:27 Aug 25 '80

About that B-32 on our front cover. Maj Thomas L. Sack. illus AF Mag 63:37 Sep '80

Fired upon by our own forces! Hoyt M. Warren, Sr. illus AF Times 41:10 Dec 15 '80

The last mission of the Eddie Allen. Col Eino E. Jenstrom, Ret. illus AF Mag 63:94-98 Aug '80

Nuclear Neptunes: Early days of Composite Squadrons 5 & 6. Chuck Hansen. illus Am Avn Hist Soc J 24:262-268 Winter '79

A participant remembers. (Berlin mission, March 6, 1944) Gen T.R. Milton, Ret. illus AF Mag 63:80-81 Jan '80

The plan that defeated Hitler. MajGen Haywood S. Hansell, Jr, Ret. illus tab AF Mag 63:106-113 Jul '80

Raid 250: Target Berlin. Jeffrey L. Ethell and Alfred Price. illus map AF Mag 63:74-81 Jan '80

Reflections on airpower in World War II. LtCol David MacIsaac. illus AF Mag 63:128-129+ Sep '80

WORLD WAR II - ContinuedAerial Operation, American - Cont'd

Seventeen bits and pieces: Boeing's B-17 Fs and Gs assigned to the 8th U.S. Army Air Force, August 1942-May 1945. Paul M. Andrews. illus tabs Am Avn Hist Soc J pt 1, 1st Air Division. 24:202-213 Fall '79; pt 2, 3d Air Division. 24:303-312 Winter '79

Shootout at Palembang: The "Hellbirds" mine the Moesi River. RADM K. L. Veth, Ret. illus Am Avn Hist Soc J 25:72-74 Spring '80

Strategic air power: Destroying the enemy's war resources. 2. The command realities. Gen Curtis E. LeMay, Ret. illus Aerosp Hist 27:9-15 Mar '80

Tactical air doctrine and AAF close air support in the European theater, 1944-1945. William A. Jacobs. illus tab Aerosp Hist 27:35-49 Mar '80

United States aviation units aboard fast battleships in World War II: Changing missions in midstream. Malcolm Muir, Jr. illus Aerosp Hist 27:95-100 Jun '80

"You men on Java are not forgotten." Col Lester J. Johnsen, Ret. illus map AF Mag 63:106-108+ Sep '80

Aerial Operations, British

Battle of Britain, 1940. (Interview with WgComdr Bob Stanford-Tuck) F. Clifton Berry, Jr. illus AF Mag 63:114-116+ Sep '80

The resupply of Malta in World War II. Dora Alves. illus Nav War Col Rev 33:63-72 Sep-Oct '80

Aerial Operations, Russian

Air Supremacy. Lt-Gen P. Bazanov. illus Soviet Mil Rev No.9:42-44 Sep '80

Airborne Operations

(Air Transport Command and the C-47 in World War II) Jay Miller. illus AF Times 41:36 Sep 29 '80

Market Garden--the operation that failed. John F. Fuller. illus map Airlift Ops Rev 2:24-28 Oct-Dec '80

Campaigns and Battles

See also
Normandy Campaign, 1944
Pearl Harbor, 1941

Battle of Britain, 1940. (Interview with WgComdr Bob Stanford-Tuck) F. Clifton Berry, Jr. illus AF Mag 63:114-116+ Sep '80

Beating the Russians in snow: The Finns and the Russians, 1940. Allen F. Chew. illus maps Mil Rev 60:38-47 Jun '80

The Berlin operation (Apr 16-May 8, 1945). Col A. Zvenzlovsky. map Soviet Mil Rev No.4:17-19 Apr '80

The bridge at Remagen. illus Soldiers 35:20-21 Sep '80

Corps commemorates Iwo flag raising. illus MarCor Gaz 64:5 Oct '80

WORLD WAR II - ContinuedCampaigns and Battles - Cont'd

Development of defensive tactics (on the experience of the Great Patriotic War). Col G. Ionin. Soviet Mil Rev No.1:34-35 Jan '80

The Dieppe Raid--an act of diplomacy. LtCol Daniel J. Webb. illus Mil Rev 60:30-37 May '80

For freedom of the European peoples. (Role of the Soviet Union and its Armed Forces) Col A. Antosyak. illus Soviet Mil Rev No.4:13-16 Apr '80

From the Vistula to the Oder. Col L. Kozlov. illus map Soviet Mil Rev No.1:38-41 Jan '80

In deserts and mountains. Col Z. Shutov. map Soviet Mil Rev No.11:41-43 Nov '80

Liberation of Czechoslovakia. Col A. Galitsan. map illus Soviet Mil Rev No.4:20-22 Apr '80

MacArthur's lapses from an envelopment strategy in 1945. D. Clayton James. illus maps Parameters 10:26-32 Jun '80

Peleliu: A neglected battle. Eugene B. Sledge. illus maps MarCor Gaz pt 1, Defense in depth. 63: 88-95 Nov '79; pt 2, Assault into hell. 63:28-41 Dec '79; pt 3, Victory at high cost. 64:32-42 Jan '80

The "phony war." Col I. Chelyshev. Soviet Mil Rev No.7:46-48 Jul '80

Reconnaissance at Tarawa Atoll. J. Frederick Haley. illus map MarCor Gaz 64:51-55 Nov '80

Rout of the Kwantung Army. A. Vasilevsky. illus map Soviet Mil Rev No.8:14p sup Aug '80

A second landing (on Okinawa) finally ends the war. William Manchester. (Reprinted from Life, May 1979) illus MarCor Gaz 64:53-60 Apr '80

Tarawa--lest we forget. LtCol Richard G. Brown. illus MarCor Gaz 64:46-50 Nov '80

Damages and Losses

To withstand the firestorm. (Paul Vauthier's prophetic ideas) Philip D. Supina. illus US Nav Inst Proc 106:42-46 Nov '80

Intelligence Operations

Code breaking--the Ultra story. Walter Pforzheimer. illus MarCor Gaz 64:76-80 Jul '80

The intelligence wave. Alan F. Wilt. AU Rev 31:114-118 May-Jun '80

Omens and oracles. (Past intelligence failures) LtCol Joseph C. Arnold. illus US Nav Inst Proc 106:47-53 Aug '80

Lessons Learned (Military)

Lessons in fighting outnumbered. Capt C. E. Harrison. Air Def Mag, pp 39-41, Apr-Jun '80

The resupply of Malta in World War II. Dora Alves. illus Nav War Col Rev 33:63-72 Sep-Oct '80

WORLD WAR II - ContinuedLessons Learned (Military) - Cont'd

Soviet combat operations in World War II: Lessons for today? Col Graham D. Vernon, Ret. illus Mil Rev pt 1, 60:30-40 Mar '80; pt 2, 60:42-50 Apr '80

Tarawa--lest we forget. LtCol Richard G. Brown. illus MarCor Gaz 64:46-50 Nov '80

Logistics

ATC Hump flights: Risky super effort. Jay Miller. illus AF Times 41:27 Aug 25 '80

Logistics: A function of strategy. Capt Bruce P. Schoch. illus Army Log 12:32-36 Jan-Feb '80

Red Ball Express. Capt Michael W. Cannon. illus Armor 89:8-10 May-Jun '80

Naval Operations, American

ELF (Extremely Low Frequency): To communicate with a submerged submarine. Edward L. Beach. illus Def Elect 12:54+ Apr '80

Guadalcanal: Neither side would quit. CDR Thomas B. Buell, Ret. illus US Nav Inst Proc 106:60-65 Apr '80

In the Southwest Pacific with the Army's Navy. Carl A. Norberg. illus Aerosp Hist 27:163-168 Sep '80

The Royal Canadian Navy's quest for autonomy in the North West Atlantic: 1941-43. Comdr W. G. D. Lund. illus Nav War Col Rev 33:73-92 May-Jun '80

The twelve days of the England (1944). CAPT John A. Williamson, Ret and William D. Lanier. illus map US Nav Inst Proc 106:76-83 Mar '80

United States aviation units aboard fast battleships in World War II: Changing missions in midstream. Malcolm Muir, Jr. illus Aerosp Hist 27:95-100 Jun '80

Naval Operations, Australian

What price vigilance? The Kormoran-Sydney battle. RADM William H. Langenberg. illus Nav War Col Rev 33:78-84 Jan-Feb '80

Naval Operations, British

The resupply of Malta in World War II. Dora Alves. illus Nav War Col Rev 33:63-72 Sep-Oct '80

Naval Operations, Canadian

The Royal Canadian Navy's quest for autonomy in the North West Atlantic: 1941-43. Comdr W. G. D. Lund. illus Nav War Col Rev 33:73-92 May-Jun '80

Naval Operations, German

What price vigilance? The Kormoran-Sydney battle. RADM William H. Langenberg. illus Nav War Col Rev 33:78-84 Jan-Feb '80

Naval Operations, Japanese

The twelve days of the England (1944). CAPT John A. Williamson, Ret and William D. Lanier. illus map US Nav Inst Proc 106:76-83 Mar '80

WORLD WAR II - ContinuedNaval Operations, Russian

The commanding officer's tactical skills. VAdm V. Kruglyakov. illus Soviet Mil Rev No.6:9-12 Jun '80

The Pacific Fleet in war. Capt G. Ammon. illus Soviet Mil Rev No.7:38-41 Jul '80

Pacific Fleet sailors. VAdm V. Sabaneyev. illus Soviet Mil Rev No.8:34-36 Aug '80

Personal Narratives

The diary of Takahashi (a Japanese private on the island of Kiska, 1943). illus US Nav Inst Proc 106:74-76 Jul '80

Fired upon by our own forces! Hoyt M. Warren, Sr. illus AF Times 41:10 Dec 15 '80

The Fulbeck connection. Capt Dave Sheets. illus Air Reservist 32:6-7 Mar '80

'The greatest martial drama in history': D-Day remembered. Hanson W. Baldwin. illus Army 30:18-25 Jun '80

The Kufra convoy. Lawrence Glen. Army Qtr 109:37-41 Jan '79

Like swatting bees in a telephone booth. CDR Ted Hechler, Jr, Ret. illus US Nav Inst Proc 106:72-74 Dec '80

Peleliu: A neglected battle. Eugene B. Sledge. illus maps MarCor Gaz pt 1, Defense in depth. 63:88-95 Nov '79; pt 2, Assault into hell. 63:28-41 Dec '79; pt 3, Victory at high cost. 64:32-42 Jan '80

A second landing (on Okinawa) finally ends the war. William Manchester. (Reprinted from Life, May 1979) illus MarCor Gaz 64:53-60 Apr '80

A Shanghai incident. Col A. Bryan Lasswell, Ret. illus MarCor Gaz 64:54-57 Sep '80

Snake-bit pilot's dilemma. Col Lester J. Johnson, Ret. illus AF Times 41:10 Dec 8 '80

Strategic air power: Destroying the enemy's war resources. 2. The command realities. Gen Curtis E. LeMay, Ret. illus Aerosp Hist 27:9-15 Mar '80

Political Aspects

See War--Political Aspects

Strategy

Ike and his indispensable lieutenants. Martin Blumenston. illus Army 30:50-54+ Jun '80

MacArthur's lapses from an envelopment strategy in 1945. D. Clayton James. illus maps Parameters 10:26-32 Jun '80

Marines and strategy. Capt B. H. Liddell Hart. illus MarCor Gaz 64:22-31 Jan '80

The "phony war." Col I. Chelyshev. Soviet Mil Rev No.7:46-48 Jul '80

Africa, North

The Kufra convoy. Lawrence Glen. Army Qtr 109:37-41 Jan '79

WORLD WAR II - ContinuedChina

Liberation mission in the East. Col G. Plotnikov.
Soviet Mil Rev No.8:12-14 Aug '80

Czechoslovakia

Liberation of Czechoslovakia. Col A. Galitsan. map
illus Soviet Mil Rev No.4:20-22 Apr '80

Europe

For freedom of the European peoples. (Role of the
Soviet Union and its Armed Forces) Col A.
Antosyak. illus Soviet Mil Rev No.4:13-16 Apr '80

Finland

Beating the Russians in snow: The Finns and the Russians, 1940. Allen F. Chew. illus maps Mil Rev
60:38-47 Jun '80

France

France 1940 and the NATO Center 1980: A disquieting
comparison. Jeffrey Record. illus tabs Strat Rev
8:67-74 Summer '80

Germany

The Berlin operation (Apr 16-May 8, 1945). Col A.
Zvenzlovsky. map Soviet Mil Rev No.4:17-19
Apr '80

Decisive contribution. O. Rzheshesky. Soviet Mil Rev
No.8:6-9 Aug '80

Nazi Germany: The new and not-so-new literature.
Col James B. Agnew, Ret. AU Rev 31:119-124
May-Jun '80

Japan

Liberation mission in the East. Col G. Plotnikov.
Soviet Mil Rev No.8:12-14 Aug '80

Little peril seen in A-radiation (in soldiers and marines who occupied Hiroshima and Nagasaki after those cities were atom-bombed). AF Times 41:22
Aug 25 '80

Malta

The resupply of Malta in World War II. Dora Alves.
illus Nav War Col Rev 33:63-72 Sep-Oct '80

Pacific Theater

Guadalcanal: Neither side would quit. CDR Thomas
B. Buell, Ret. illus US Nav Inst Proc 106:60-65
Apr '80

Peleliu: A neglected battle. Eugene B. Sledge. illus
maps MarCor Gaz pt 1, Defense in depth. 63:
88-95 Nov '79; pt 2, Assault into hell. 63:28-41
Dec '79; pt 3, Victory at high cost. 64:32-42
Jan '80

Russia

Decisive contribution. O. Rzheshesky. Soviet Mil Rev
No.8:6-9 Aug '80

Development of defensive tactics (on the experience
of the Great Patriotic War). Col G. Ionin. Soviet
Mil Rev No.1:34-35 Jan '80

From the Vistula to the Oder. Col L. Kozlov. illus
map Soviet Mil Rev No.1:38-41 Jan '80

WORLD WAR II - ContinuedRussia - Cont'd

Soviet combat operations in World War II: Lessons
for today? Col Graham D. Vernon, Ret. illus Mil
Rev pt 1, 60:30-40 Mar '80; pt 2, 60:42-50 Apr '80

WORLDWIDE MILITARY COMMAND AND CONTROL SYSTEM

Some current C³I concepts and programs. Gowri
S. Sundaram. illus Intl Def Rev 13, No.7:
1036-1042 '80

Strategic network: For safe global messages. Maj
James L. White. illus Army 30:33-35+ Apr '80

WWMCCS and the computer that can. Col Perry R.
Nuhn, Ret. Parameters 10:16-21 Sep '80

WOUNDS AND INJURIES

Rocket plume burn hazard. A.M. Stoll and others.
illus tabs Aviation, Space & Envmt Med 51:480-
484 May '80

WRIGHT, Orville

Huffman Prairie. G. Allison Long. illus map Am Avn
Hist Soc J 25:107-111 Summer '80

WRIGHT, Wilbur

Huffman Prairie. G. Allison Long. illus map Am Avn
Hist Soc J 25:107-111 Summer '80

WRITING (COMPOSITION)See also

Report Writing

Curing government illiteracy. M. Scott Downing. Govt
Exec pt 1, Communicating to a nation of tenth
graders: The comprehension drops as content gets
complex. 12:28-29+ Jul '80; pt 2, An automatic
comprehension check for government regulation
originators. 12:28+ Aug '80

Eliminating governmentese--simplifying language demands complex preparation. Alan Siegel. Govt
Exec 12:42-47 Jun '80

English--a valedictory. Argus Tresidder. MarCor
Gaz 64:16-18 Apr '80

Good writing: Clear, concise, interesting, logical--
and hard work. R. Thomas Berner. illus Armed
Forces Compt 25:22-25 Nov '80

"Holistic" grading of student writing. LtCol Henry F.
Lippincott, Jr. Educ J 22:32-36 AY '79/'80

Let's break up this (writing) 'love affair.' TIG Brief
32:16 Mar 7 '80

Program (Office of Public Affairs' National Story
Program) helps AF writers get stories published.
AF Times 41:3 Dec 15 '80

When words fail, who's at fault? TIG Brief 32:14
May 2 '80

The writing phase: A case for equal time. TIG Brief
31:16 Dec 21 '79

Writing program making progress. Pat Dalton. AF
Times 41:4 Aug 11 '80

XYZ

X-RAYS

- Brochure gives X-ray advice. AF Times 41:65
Oct 27 '80
- How safe is your industrial X-ray program? TIG
Brief 32:7 Aug 29 '80
- X-rays test military aircraft. Richard J. Meyer. illus
Natl Def 64:38-39 Jun '80

YALTA

- Historic example of cooperation (on occasion of the
35th anniversary of the Yalta Conference).
N. Glagolev. Soviet Mil Rev No. 1:36-38 Jan '80

YEMEN, NORTH

- How the U.S. lost its footing in the shifting sands of
the Persian Gulf--a case history in the Yemen
Arab Republic. LtCol John J. Ruskiewicz, Ret.
map Armed Forces J Intl 118:62+ Sep '80

Politics and Government

- North Yemen: The shadow game. Armed Forces J
Intl 118:75+ Nov '80

YEMEN, SOUTHPolitics and Government

- South Yemen: The heart of darkness. map Armed
Forces J Intl 118:81-83 Nov '80

YERKS, Robert G.

- Toward cohesion, stability: A 'reciprocal commit-
ment.' LtGen Robert G. Yerks. por Army 30:98-
101+ Oct '80

YOST, William R.

- The Air Force in space. (Presentation, Dunedin and
Tampa Air Force Assoc Chapters, Dunedin, FL,
Feb 28, 1980) MajGen William R. Yost. AF Plcy
Ltr for Comdrs: Sup, pp 16-22, Jun '80

- National space policy and aerospace doctrine. (Pre-
sentation, National Space Club, Washington,
Oct 24, 1979) MajGen William R. Yost. AF Plcy
Ltr for Comdrs: Sup No. 1:7-16 Jan '80

YOUTHRussia

- Advanced detachment of Soviet youth (Leninist Young
Communist League). G. Alexandrov and N. Vikto-
rov. illus Soviet Mil Rev No. 10:16-18 Oct '80

United States

- Amendment (to Title 10 of the U.S. Code) seen aid to
high school recruiting. AF Times 41:6 Sep 22 '80
- The best of the fair. (USAF members help judge
school science fairs, give encouragement and
awards to the winners) Sgt Craig Pugh. illus Air-
man 24:9-13 Sep '80
- Carter backs recruiters seeking student lists. Tom
Philpott. AF Times 41:2 Aug 25 '80
- Drunk at 15. Don Mace. illus AF Times 40:39
Apr 28 '80
- Exploring the Guard: Marksmanship program is a
first step for Explorer Scouts. 1stLt Jan Otteson
and LtCol Leo Lujan. illus Natl Guard 34:20-22
Apr '80

YOUTH - ContinuedUnited States - Cont'd

- Exploring their tomorrows. (1979 Aviation Explorer
Flying School, Edwards AFB, CA, trains young
men and women to fly) SMSgt Dave Sheeder. illus
Airman 24:44-48 Jun '80

YUGOSLAVIA

- China's Balkan strategy. David A. Andelman. Intl Sec
4:60-79 Winter '79/'80

- Tito's death: Yugoslavia's survival? Col Wil Ebel.
illus Natl Def 64:54-56+ Jun '80

- Yugoslavia after Tito--powder keg of the Balkans.
LtCol Dallace L. Meehan. AU Rev 31:114-116 Sep-
Oct '80

Economic Conditions

- Yugoslavia--one of the neutrals? Norah Beloff. illus
tab NATO's Fifteen Nations 25:50-52 Jun-Jul '80

Foreign Policy

- Yugoslavia--one of the neutrals? Norah Beloff. illus
tab NATO's Fifteen Nations 25:50-52 Jun-Jul '80

Politics and Government

- Yugoslav security after Tito. Phillip A. Karber and
Jon L. Lellenberg. illus Strat Rev 8:44-58
Spring '80

Strategic Importance

- Yugoslav security after Tito. Phillip A. Karber and
Jon L. Lellenberg. illus Strat Rev 8:44-58
Spring '80

ZAIRE

- The War Powers Resolution: Congress vs the Com-
mander in Chief. 1stLt Kevin E. Johns. illus US
Nav Inst Proc 106:42-46 Dec '80
- Zaire airlift. LtCol James L. Cole, Jr. illus map
Airlift Ops Rev 2:14-18 Oct-Dec '80

ZEIBERG, Seymour L.

- M-X--the full perspective. Seymour L. Zeiberg. illus
Defense/80, entire issue, Sep '80

ZENGERLE, Joseph C.

- Air Force manpower overview. (Presentation, Sub-
committee on Military Personnel, House Armed
Services Committee, Washington, Feb 25, 1980)
Joseph C. Zengerle. AF Plcy Ltr for Comdrs:
Sup, pp 11-22, May '80
- Compensation: A new attitude. Joseph C. Zengerle.
AF Times 40:20+ Jun 23 '80
- New AF Assistant Secretary (Joseph C. Zengerle).
por Air Reservist 32:4 Apr '80
- Zengerle--upbeat but cautious. Bruce Callander. AF
Times 41:20+ Jul 28 '80

ZULULANDHistory

- The barefoot empire (Zululand). John Koster. illus
Infantry 70:27-31 May-Jun '80

ZUMWALT, Elmo R., Jr

- (ADM) Zumwalt: Carter leaked Stealth for political
edge. AF Times 41:2 Sep 29 '80